

TOWN OF
READING
MASSACHUSETTS

THE ANNUAL
REPORT

OF RECEIPTS
AND EXPENDITURES

For the Financial Year
Ending December 31st

1915





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TOWN OF READING

ANNUAL REPORT

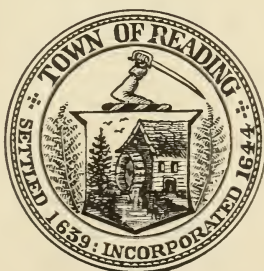
—OF—

Receipts and Expenditures

—FOR THE—

FINANCIAL YEAR ENDED DECEMBER 31

1915



W. E. & J. F. TWOMBLY
PRINTERS
READING, MASS.

TOWN OFFICERS 1915-1916

Selectmen and Fence Viewers

EDGAR O. DEWEY, *Chairman*

EDWIN L. HUTCHINSON, *Secretary*

OTIS B. RUGGLES

Town Accountant

JOHN H. SHELDON Term expires 1917

Overseers of the Poor

EDGAR O. DEWEY, *Chairman*

EDWIN L. HUTCHINSON, *Secretary*

OTIS B. RUGGLES

Assessors

MILLARD F. CHARLES, *Chairman* Term expires 1918

GEORGE E. HORROCKS, *Secretary* " " 1916

ARDINE M. ALLEN " " 1917

Town Clerk

MILLARD F. CHARLES

Treasurer

WARD C. MANSFIELD

Collector of Taxes

HERBERT M. VIAL

Board of Health

EDWARD M. HALLIGAN, <i>Chairman</i>	.	.	Term expires	1916
GEORGE L. FLINT, <i>Secretary</i>	.	.	" "	1918
CALVERT H. PLAYDON	.	.	" "	1917

School Committee

WALTER S. PARKER, <i>Chairman</i>	.	.	Term expires	1917
JESSE W. MORTON	.	.	" "	1916
IDA A. YOUNG	.	.	" "	1916
HOWARD W. POOR	.	.	" "	1917
ARTHUR N. MANSFIELD	.	.	" "	1918
ELIZABETH H. BROWN	.	.	" "	1918
ADELBERT L. SAFFORD, <i>Supt. of Schools, Sec'y</i>				

Water Commissioners

HENRY R. JOHNSON, <i>Chairman</i>	.	.	Term expires	1916
EDGAR N. HUNT, <i>Secretary</i>	.	.	" "	1918
HARVEY A. BANCROFT	.	.	" "	1917

Sewer Commissioners

EDGAR N. HUNT, <i>Chairman</i>	.	.	Term expires	1916
CHARLES R. HERRICK	.	.	" "	1917
HARVEY A. BANCROFT	.	.	" "	1918

Municipal Light Board

CARL M. SPENCER, <i>Chairman</i>	.	.	Term expires	1917
GEORGE L. FLINT, <i>Secretary</i>	.	.	" "	1918
FRANK E. CRAFTS	.	.	" "	1916

Trustees of Public Library

HORACE G. WADLIN, <i>Chairman</i>	.	.	Term expires	1916
ARTHUR N. MANSFIELD, <i>Secretary</i>	.	.	" "	1918
ROBERT T. EDES	.	.	" "	1916
HARRY P. BOSSON	.	.	" "	1917
CHARLES F. DOUGHTY	.	.	" "	1918
FRANK C. CARTER	.	.	" "	1917

Trustees of Laurel Hill Cemetery

GALEN A. PARKER, <i>Chairman</i>	.	.	Term expires	1917
ALFRED W. DANFORTH, <i>Supt. and Sec'y</i>	"	"		1918
FRANK L. EDGERLEY	.	.	"	1916
JAMES H. CARLETON	.	.	"	1918
CHARLES W. LEE	.	.	"	1916
ALVAH W. CLARK	.	.	"	1917

Registrars

MILLARD F. CHARLES, <i>Clerk</i>	
OWEN McKENNEY	WALTER S. PRENTISS
ARTHUR C. COPELAND	

Engineers of Fire Department

ORVILLE O. ORDWAY, <i>Chief</i>	
WILLIAM R. ZWICKER, <i>Clerk</i>	
	LUKE McKENNEY

Superintendent of Fire Alarm

LEONARD T. EAMES

Forest Warden

HERBERT E. McINTIRE

Deputies

JOHN N. WESTON	GEORGE F. BLANCHARD
WILLARD A. BANCROFT	A. E. BATCHELDER
WILLIAM W. NEWHOUSE	

Police

WILLIAM E. SWAIN, <i>Chief and Keeper of Lock-Up</i>	
JEREMIAH CULLINANE, JR.	OSCAR H. LOWE
GEORGE C. STOCK	

Specials

WILLIAM F. WELCH	J. W. SIAS
ARDINE M. ALLEN	WILLIAM C. McKINLEY
SAMUEL BROWN	WILLIAM H. KILLAM
JESSE N. HUTCHINSON	DAVID J. WHELTON
WILLIAM C. CRAM	CLEMENT GLEASON
WILLIAM QUILLEN	WILLIAM KIDDER
THOMAS M. PALMER	WILLARD A. BANCROFT
WM. J. MURPHY	JOHN STOCK
EDWARD H. CROWE	

Truant Officer

WILLIAM KIDDER

Superintendent of Streets

EDWARD H. CROWE

Local Superintendent of Moth Work

HENRY M. DONEGAN

Superintendent of Town Home

L. A. DEMING

Inspector of Plumbing

DAVID TAGGART

Inspector of Animals

CALVERT H. PLAYDON, M. D. V.

Inspector of Wires

ARTHUR G. SIAS

Inspector of Buildings

ROBERT E. PARKER

Board of Appeal

MAHLON E. BRANDE JAMES H. CARLETON
*JOSEPH S. TEMPLE CHARLES VAN STONE

Sealer of Weights and Measures

*FRANK W. PARKER CHARLES E. MELLEN

Burial Agent of Deceased Soldiers and Sailors

*EPHRAIM WIGHT WILLIAM H. FISH

*Deceased

Tree Warden

HENRY M. DONEGAN

Finance Committee

CHARLES A. LORING, <i>Chairman</i> ,	Term expires Dec. 31, 1916
FREDERICK L. SPRINGFORD, <i>Sec'y</i>	" " " 1917
JOHN CONNELLY	" " " 1918
MARTIN B. HARTSHORN	" " " 1918
FRANK W. PARSONS	" " " 1916
WILFRED A. BANCROFT	" " " 1916
SOLOM BANCROFT	" " " 1916
FRANK F. STROUT	" " " 1917
WINTHROP D. PARKER	" " " 1917
ADELBERT E. BATCHELDER	" " " 1917
ELIAS B. CURRELL	" " " 1917
JAMES H. REMICK	" " " 1918
ARTHUR H. JEWETT	" " " 1918
WILLIAM S. DENNISON	" " " 1918
CLARENCE C. WHITE	" " " 1916

JOHN H. SHELDON, Town Accountant, Ex-officio

Playground Commission

JOHN F. TURNER, *Chairman*

CHARLES E. RECK, *Secretary*

HARRY P. BOSSON DENNIS CUMMINGS
WILLIAM R. CLARKE FREDERICK W. ALLEN

Measurers of Wood and Bark

CHARLES W. LEE	WENDELL BANCROFT
PERCY N. SWEETSER	BURTON K. SYMONDS
WARREN M. WHITEHOUSE	

Surveyors of Lumber

WARREN M. WHITEHOUSE	SAMUEL BROWN
WILLIAM R. ZWICKER	BURTON K. SYMONDS
GEORGE L. FLINT	

Weighers of Coal and Hay

CHARLES W. LEE	CHARLES STONE
WILLIAM H. WHITE	PERCY N. SWEETSER
ERNEST SURRETTE	GEORGE DANE
ALBION S. RICH	FRED M. PLATTS
LEONARD LIVINGSTONE	

Field Drivers

WILLARD A. BANCROFT	WILLIAM F. WELCH
ARDINE M. ALLEN	

Town Counsel

JESSE W. MORTON

Workingmen's Compensation Agent

WARD C. MANSFIELD

REPORT OF TOWN CLERK

TOWN MEETINGS IN THE YEAR 1915

ANNUAL TOWN MEETING AND ELECTION

LYCEUM LOWER HALL, March 1, 1915.

Pursuant to a warrant and the Constable's return thereon a town meeting was held at the place and time therein specified and was called to order by Town Clerk Millard F. Charles. Prayer was offered by Rev. D. Augustine Newton. The warrant was partly read, when it was moved by Otis B. Ruggles to dispense with further reading of the warrant except the Constable's return, and it was so voted. The Constable's return was then read and the following tellers and ballot clerks were duly sworn :

William H. Baker	Bartholomew J. Lehan
Chester C. Richardson	Maurice T. Granfield
Samuel Rounds	Richard N. B. Wilson
George M. Hutchinson	George P. Forbes
Percy L. Horrocks	John D. Canty
James A. Freeman	Leslie A. Nichols

Art. 1. To choose a Moderator to preside at said meeting.

The ballot was duly opened and closed with the following result: whole number of votes cast, 3; necessary for a choice, 2; George L. Flint received 3, and was declared elected Moderator.

Art 2. To see if the Town will vote to adjourn this meeting after the completion of the business under Art. 3, to Monday, March the 8th, 1915, at 7.45 p. m., in Lyceum Hall, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that when this meeting adjourn it adjourn to meet in Lyceum Hall on Monday, March 8, 1915, at forty-five minutes past seven o'clock p. m.

Article 3. To bring in their votes on one ballot for Town Clerk, Selectmen, Overseers of the Poor, Treasurer, Collector of Taxes, one member of the Board of Assessors for three years, two Constables, one Water Commissioner for three years, one member of the Municipal Light Board for three years, one member of the Board of Health for three years, two Trustees of Laurel Hill Cemetery for three years, two Trustees of the Public Library for three years, two members of the School Committee for three years, one Sewer Commissioner for three years, Tree Warden for one year; also on the same ballot, Yes or No, in answer to the following question: Shall licenses be granted for the sale of intoxicating liquors in this town? also on the same ballot, Yes or No, Shall Chap. 795, Acts of 1914, being an act to provide for the better prevention of fires throughout the Metropolitan district be accepted by the inhabitants of this Town? also on the same ballot, Yes or No, Shall Section 1 of Chap 352, Acts of 1914, being an act relative to pensioning laborers in the employ of fire and water districts, be accepted by the inhabitants of this town? (See also section 2).

The polls were duly opened. On motion of Otis B. Ruggles it was voted to close the polls at thirty minutes past four o'clock p. m.

The polls were duly closed at time above mentioned with the following results:

Whole number of votes cast	.	.	.	.	.	.	1151
Ballots cast by men	.	.	.	.	.	.	1125
Ballots cast by women	.	.	.	.	.	.	26

TOWN CLERK, ONE YEAR

*Millard F. Charles, 66 Bancroft Ave.	.	.	.	.	.	724
Charles W. Abbott, 108 Ash St.	.	.	.	.	.	1
Blanks	.	.	.	.	.	400

SELECTMEN, ONE YEAR

*Mahlon E. Brande, 103 Woburn St.	252
Edgar O. Dewey, 76 Main St.	752
Edward B. Eames, 393 Main St.	342
*Edwin L. Hutchinson, 6 Grove St.	695
George L. Pratt, 71 Salem St.	366
*Otis B. Ruggles, 49 Prescott St.	540
Blanks	428

OVERSEERS OF THE POOR, ONE YEAR

Mahlon E. Brande, 103 Woburn St.	264
*Edgar O. Dewey, 76 Main St.	746
Edward B. Eames, 393 Main St.	340
*Edwin L. Hutchinson, 6 Grove St.	677
George L. Pratt, 71 Salem St.	353
*Otis B. Ruggles, 49 Prescott St.	526
Blanks	469

ASSESSOR, THREE YEARS

*Millard F. Charles, 66 Bancroft Ave.	895
Blanks	230

TREASURER, ONE YEAR

Ward O. Mansfield, 45 Prescott St.	816
William J. Parsons, 134 High St.	213
Blanks	96

COLLECTOR OF TAXES, ONE YEAR

Charles W. Abbott, 108 Ash St.	539
*Herbert M. Viall, 42 Bancroft Ave.	552
Blanks	34

BOARD OF HEALTH, THREE YEARS

Louis Ellenwood, 10 Gould St.	392
*George L. Flint, 42 Highland St.	645
Blanks	88

TWO CONSTABLES, ONE YEAR

*Ardine M. Allen, 77 Bancroft Ave.	680
*William H. Manning, 69 Middlesex Ave.	676
John Stock, 22 Belmont St.	462
Blanks	432

WATER COMMISSIONER, THREE YEARS

Charles R. Herrick, 219 Pearl St.	451
*Edgar N. Hunt, 125 Summer Ave.	574
Blanks	100

SEWER COMMISSIONER, THREE YEARS

*Harvey A. Bancroft, 17 Mineral St.	550
Frank H. Martin, 193 Main St.	159
Frank H. Nutting, Hill Crest Road	283
Blanks	133

TWO TRUSTEES OF LAUREL HILL CEMETERY, THREE YEARS

*James H. Carleton, 8 Temple St.	854
*Alfred W. Danforth, 33 Woburn St.	836
Blanks	560

TWO TRUSTEES OF PUBLIC LIBRARY, THREE YEARS

*Charles F. Doughty, 52 Linden St.	741
*Arthur N. Mansfield, 107 Woburn St.	863
Blanks	646

TWO SCHOOL COMMITTEE, THREE YEARS

*Elizabeth H. Brown, 83 Prospect St.	855
*Arthur N. Mansfield, 107 Woburn St.	857
Blanks	589

TREE WARDEN, ONE YEAR

*Henry M. Donegan, 58 Federal St.	939
Blanks	186

*Elected

Shall licenses be granted for the sale of intoxicating liquors? yes, 204; no, 781; blanks, 140.

Shall Chapter 795, Acts of 1914, being an act to provide for the better prevention of fires throughout the Metropolitan district, be accepted by the inhabitants of this town? yes, 591; no, 99; blanks 435.

Shall Section 1 of Chapter 352, Acts of 1914, being an act in relation to pensioning laborers in the employ of fire and water districts, be accepted by the inhabitants of this town? yes, 375; no, 320; blanks, 427.

The votes were counted and declared in open town meeting, and sealed and delivered to the Town Clerk, whereupon it was voted to adjourn as per previous vote to March 8, 1915, at 7.45 P. M., in Lyceum Hall.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., March 8, 1915.

A town meeting was held as per adjournment and was called to order by Moderator George L. Flint.

Art. 4 To hear and act on the reports of the Selectmen, Overseers of the Poor, Assessors, Treasurer, Collector of Taxes, School Committee, Water Commissioners, Municipal Light Board, Engineers of the Fire Department, Trustees of the Cemetery, Trustees of the Public Library, Board of Health, Tree Warden, Town Accountant, Finance Committee and Special Committees.

Art. 4. Voted, to lay on the table.

Art. 5. To choose all other necessary Town officers and to determine what instructions they will give the Town officers.

On motion of Edgar O. Dewey, it was voted that William F. Welch, Ardine M. Allen and Willard A. Bancroft serve as Field Drivers for ensuing year.

On motion of Edgar O. Dewey, it was voted that Ora L. Milbury, Wendell Bancroft, Warren M. Whitehouse, Samuel Brown, William R. Zwicker, Burton K. Symonds, Edward B. Eames and George L. Flint serve as Surveyors of Lumber for the ensuing year.

On motion of Edgar O. Dewey, it was voted that the Selectmen act as Fence Viewers for the ensuing year.

On motion of Edgar O. Dewey, it was voted that L. Adelbert Deming serve as Poundkeeper for the ensuing year.

On motion of Edgar O. Dewey, it was voted that the Selectmen be authorized to appoint Measurers of Wood and Bark and Weighers of Coal, Hay, etc., for the ensuing year.

Art. 5. It was then voted to lay on the table.

Art. 6. To determine how much money the Town will raise and appropriate for General Government, Protection of Life and Property, Health and Sanitation, Highways and Bridges, Charities, Soldiers' Benefits, Education, Library, Recreation, Cemetery and Interest.

On motion of Edgar O. Dewey, it was voted to raise and appropriate eleven thousand seven hundred dollars (\$11,700), divided as below enumerated:

GENERAL GOVERNMENT

Legislative:

Moderator	\$35 00
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Executive:

Selectmen and Overseers of Poor, salaries .	500 00
Selectmen's expenses	200 00

Financial:

Accountant's salary	750 00
Treasurer's salary	600 00
Treasurer's expenses	235 00
Tax Collector's salary ($\frac{3}{4}$ of 1 %)	1,200 00
Tax Collector's expenses	175 00
Assessors' salaries	1,150 00

Assessors' expenses	\$500 00
Town Clerk's salary	150 00
Town Clerk's expenses	275 00
Election and Registration:	
Registrars' salaries	130 00
Registrars' expenses	600 00
General Accounts:	
Miscellaneous expenses	1,200 00
Town Building	850 00
Insurance	2,100 00
Lighting G. A. R. Hall	50 00
Block System Survey for Assessors	500 00
Town Counsel's salary	500 00
PROTECTION TO PERSONS AND PROPERTY	
Police Department—on motion of Edgar O. Dewey, it was voted to raise and appropriate (and appropriate receipts of department)	\$5,100 00
Fire Department—on motion of Edgar O. Dewey, it was voted to raise and appropriate	6,475 00
Repairs on Fire Alarm System—on motion of Edgar O. Dewey, it was voted to raise and appropriate	450 00
Hydrant Rentals—on motion of Edgar O. Dewey, it was voted to raise and appropriate	5,790 00
Moth Department (and appropriate Moth assessments)	3,007 58
Forest Warden	700 00
Tree Warden—on motion of Edgar O. Dewey, it was voted to raise and appropriate (and appropriate receipts)	500 00
Inspection: Salary of Inspector of Wires—on motion of Edgar O. Dewey, it was voted to raise and appropriate	100 00
Sealer of Weights and Measures—on motion of Edgar O. Dewey, it was voted to raise and appropriate	250 00

Salary of Inspector of Buildings—on motion of Edgar O. Dewey, it was voted to raise and appropriate	\$300 00
Expenses of Building Inspector	50 00

HEALTH AND SANITATION

On motion of Edgar O. Dewey, it was voted to raise and appropriate for:	
Salaries of Board of Health	250 00
Expenses of Board of Health	1,570 00

HIGHWAYS, BRIDGES AND SIDEWALKS

Raise and appropriate	7,755 00
(and appropriate receipts from Street Railway Excise and Franchise tax)	
Street Watering—raise and appropriate	500 00
Oil for Streets—raise and appropriate	3,000 00
Drinking Fountains—raise and appropriate	150 00
Snow and Ice—raise and appropriate	1,000 00

CHARITIES

Poor Department, raise and appropriate	3,200 00
Aid to Mothers with dependent children as per Chap. 763, Acts 1913—raise and appropriate	1,500 00

SOLDIERS' BENEFITS

Soldiers' Relief, raise and appropriate	750 00
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EDUCATION

School Department—raise and appropriate	43,000 00
(and appropriate receipts)	
Typewriters—raise and appropriate	500 00
Improvement of Schoolhouse Grounds—raise and appropriate	600 00
High School Stacks, repairs—raise and appropriate	400 00
Tuition for Industrial Schools—raise and appro- priate	500 00

LIBRARY

On motion of Horace G. Wadlin, it was voted to
 raise and appropriate for Public Library . \$2,325 00
 (and appropriate receipts from fines and proceeds
 of dog tax)

RECREATION AND CELEBRATIONS

Rent of Playground—raise and appropriate .	342 00
Care of Common—raise and appropriate . .	100 00
Memorial Day—raise and appropriate . .	200 00
(to be expended by G. A. R. Post No. 194)	
Band Concerts, raise and appropriate . .	200 00

CEMETERY

Cemetery—raise and appropriate . . .	1,200 00
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INTEREST

Interest—raise and appropriate	3,500 00
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(and appropriate interest on bank deposits and taxes)

Art. 28. To see what action the Town will take in regard to the placing of its insurance.

Art. 28. On motion of Edgar O. Dewey, it was voted to take up this article.

On motion of Ward C. Mansfield, it was voted that the Selectmen, Town Treasurer and Chairman of the Finance Committee acting as a joint committee be instructed to place all of the fire insurance that may be necessary to cover the property owned by the Town or under its control, and the vote authorizing the Selectmen and Town Treasurer to affect all insurance for the Town which was passed at the Town meeting of March 7, 1910, be hereby rescinded.

Art. 7. To see if the Town will vote to authorize the Treasurer, with the approval of the Selectmen, to borrow money in anticipation of the revenue of the current financial year.

On motion of Ward C. Mansfield, it was voted that the Town Treasurer, with the approval of the Selectmen, be and

hereby is authorized to borrow money from time to time in anticipation of the revenue of the financial year beginning Jan. 1, 1915, an amount not exceeding \$160,000; and to issue a note or notes therefor, payable within one year; any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Art. 8. To see if the Town will raise and appropriate the sum of \$666.67, this amount being one-third of \$2,000, the expense of macadamizing 1200 feet on Lowell Street, from the commencement of the work in 1913 northerly toward Wilmington, provided the State appropriates a like amount, the County having already ordered the same amount expended on this work, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted to raise and appropriate \$666.67 for macadamizing approximately 1200 feet on Lowell Street, from the commencement of the work done in 1913 northerly towards Wilmington, provided the State appropriates a like amount.

Art. 9. To see if the Town will raise and appropriate the sum of \$2000 for continuing the work on Lowell Street, from the completion of the work last year toward the Square, provided the State appropriates a like amount, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the sum of two thousand dollars be raised and appropriated for continuing the work on Lowell Street, from the completion of the work last year toward the Square, provided the State appropriates a like amount.

Art. 10. To see if the Town will raise and appropriate the sum of \$1,000 to continue the work on Haverhill Street, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted to raise and appropriate the sum of \$1,000 for special highway construction on Haverhill Street.

Art. 11. To see if the Town will raise and appropriate the sum of \$1,000 and appropriate the unexpended balance of \$500 for new concrete sidewalks, the 50 per cent. cost to abutters to be waived. To be expended in building approximately 900 running feet on Prescott Street from Arlington Street westerly; on Woburn Street from Odd Fellows' Hall toward Lowell Street, on Harnden Street from the property of Oliver W. Austin toward Salem Street, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the sum of \$1000 be raised and appropriated, and the unexpended balance of five hundred dollars be appropriated for new concrete sidewalks, the 50 per cent. cost to abutters to be waived; to be expended in building approximately nine hundred running feet on Prescott Street from Arlington Street westerly; on Woburn Street from Odd Fellows' Hall toward Lowell Street; on Harnden Street from the property of Oliver W. Austin toward Salem Street.

On motion of Solon Bancroft, that the Selectmen be instructed to secure releases from all damages from changes of grade in sidewalks constructed as per above vote from the abutters, vote was not carried.

On motion of Harry P. Bosson it was voted to adjourn to Monday, March 15, 1915, at 7.45 P. M., in this hall.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, March 15, 1915.

A town meeting was held as per adjournment and was called to order by Moderator George L. Flint at 7.45 P. M.

Art. 12. To see if the Town will instruct the Board of Selectmen to appoint a committee of three to revise the By-

laws of the town, as approved Oct. 10, 1896, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the Board of Selectmen appoint a committee of three to revise the By-laws of the Town as approved Oct. 10, 1896.

Art. 13. To see if the Town will create a Reserve Fund, as provided by Chap. 645 of the Acts of 1913, to provide for extraordinary or unforeseen expenditures, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the Town create a Reserve Fund to provide for extraordinary or unforeseen expenditures as provided by Chapter 645 of the Acts of 1913.

Art. 14. To see if the Town will raise and appropriate the sum of \$1000.00 to the Reserve Fund as provided by Chapter 645 of the Acts of 1913, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the sum of \$700 be raised and appropriated to the Reserve Fund as provided by Chapter 645 of the Acts of 1913.

Art. 15. To see if the Town will accept the provisions of Chap. 494 of the Acts of 1913 as amended by Chap. 238 of 1914, or what they will do in relation thereto.

On motion of Jesse W. Morton, it was voted that a Town Planning Board, to consist of five citizens, be created as provided by Chapter 494 of the Acts of 1913 as amended by Chapter 283 of the Acts of 1914, and that provision for the same be included in the official ballot for the next and subsequent annual town elections.

Art. 16. To see if the Town will raise and appropriate the sum of \$375 to build a sidewalk on the westerly side of Main Street from No. 104 to Hopkins Street, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the sum of \$375 be raised and appropriated to build a sidewalk

on the westerly side of Main Street from No. 104 Main Street to Hopkins Street.

Art. 17. To see what sums the Town will raise and appropriate, or otherwise provide, with the receipts of the Municipal Light and Power Department for the year 1915 for maintenance, operation and repairs of the said Plant; and for the payment of bonds, notes, interest and depreciation due by said Plant during this year; or what they will do in relation thereto.

On motion of Carl M. Spencer, it was voted that \$11,000 be raised and appropriated and this amount together with the unexpended balance Dec. 31, 1914, amounting to \$133.53, and the receipts of the Plant for the current year, be appropriated for the operation, maintenance and repair of said plant, and for the payment of bonds, notes and interest, and that the sum of \$6,972.28 be appropriated from the above for depreciation of the plant for the current year, in accordance with the recommendation of the Finance Committee.

Art. 18. To see what sum of money the Town will vote to raise and appropriate or otherwise provide, for the purpose of providing funds for additions and extensions to the Municipal Light Plant within the limits of the Town of Reading during 1915, or what they will do in relation thereto.

Art. 19. To see what sum of money the Town will vote to raise and appropriate or otherwise provide, for the purpose of providing funds for additions and extensions to the distribution system of the Municipal Light Plant in the Towns of North Reading and Wilmington, and in that part of Lynnfield known as Lynnfield Centre, during 1915, or what they will do in relation thereto.

On motion of Carl M. Spencer, it was voted that the subject matter of Articles 18 and 19 be laid on the table.

Art. 20. To see if the Town will vote to authorize the Municipal Light Board to install incandescent street lights on any or all of the following streets, and how much money

they will raise and appropriate or otherwise provide therefor, or what they will do in relation thereto.

One on Locust Street, between Beacon and Highland Streets.

One on Ohute Street, between Mt. Vernon and Woburn Streets.

Two on Prescott Street, between Copeland Avenue and West Street.

One on Copeland Avenue.

One on High Street, opposite Woodward Avenue.

One on Haven Street, between Main and Parker Streets.

Three on Summer Avenue, from end of present street light circuit to residence of George A. Forbes.

One on Washington Street, near junction of Village Street.

Two on Haven Street, between Sanborn and High Streets.

Five on John Street, between Village Street and Wakefield line.

One on Green Street, between Ash and High Streets.

One on Echo Avenue (Private Street).

Two on Fairview Avenue (Private Street).

Two on Pratt Street, south of Prescott Street (Private Street).

Two on Grove Street, between Franklin Street and Golf Links.

On motion of Carl M. Spencer, it was voted that the subject matter of Art. 20 be referred to the Municipal Light Board with authority to install on the public streets of Reading such of said lights as in their judgment are necessary, and to make such changes in the existing lights as may be advisable; and that the expense therefor be taken from the amount appropriated for construction under Article 18 or from the appropriation for depreciation, in accordance with the recommendation of the Finance Committee.

Art. 35. To see if the Town will raise and appropriate the sum of \$375.00 to cover the open ditch through the land

of Isaac Bolton, No. 10 off Ash Street, or what they will do in relation thereto.

On motion of Theodore P. Berle, it was voted to take up this article. On motion of Theodore P. Berle, that three hundred seventy-five dollars be raised and appropriated to carry out the provision of this article, the motion was not carried.

On motion of Harry P. Bosson, it was voted to adjourn to meet in Lyceum Hall ou Tuesday, March 23d, 1915, at 7.45 P. M.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., March 23, 1915.

A town meeting was held as per adjournment and was called to order by Moderator George L. Flint at 7.45 o'clock P. M.

Art. 5. On motion of Jesse W. Morton, this article was taken from the table and on motion of Jesse W. Morton it was voted that the School Committee have authority to dispose of privy now in rear of Prospect Street School house.

Art. 21. To hear and act on the report of the Board of Selectmen on the Salem and John Street drain, and see how much money the Town will raise and appropriate therefor, or what they will do in relation thereto.

The Board of Selectmen as per instructions given them in the annual town meeting of 1914 made a report covering the substance of the article in regard to draining water on John Street, near Salem Street.

On motion of Edgar O. Dewey, it was voted to accept the report of the Board of Selectmen in regard to subject matter of this article.

On motion of Charles A. Loring, it was voted to indefinitely postpone this article.

Art. 22. To hear and act on the report of the Board of Selectmen on the draining of surface water on Warren and Centre Avenues and Minot Street, and see how much money the Town will raise and appropriate for that purpose, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the report of the Selectmen on the draining of surface water on Warren and Centre Avenues and Minot Street be accepted and that the sum of \$1600 be raised and appropriated for that purpose.

Art. 23. To see if the Town will raise and appropriate \$125 to complete the sidewalk on the west side of Main Street to the Stoneham line, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the sum of \$100 be raised and appropriated to complete the sidewalk on the west side of Main Street to the Stoneham line.

Art. 24. To see if the Town will raise and appropriate the sum of \$500 for the extension of the sidewalk on Main Street from near the residence of Geo. D. Putnam to such a point as above mentioned sum will construct it, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the sum of \$500 be raised and appropriated for the extension of the sidewalk on Main Street, near the residence of George D. Putnam, to such a point as this sum will construct it.

Art. 25. To see if the Town will authorize the Water Board to employ an engineer to give them advice in regard to an additional water supply, or what they will do in relation thereto.

On motion of Lewis M. Bancroft, it was voted that the Water Board be and hereby are authorized to employ an

engineer to advise them in regard to an additional water supply.

Art. 26. To see how much money the Town will raise and appropriate for mains, service pipes, interest on water loan and maintenance of water works, or what they will do in relation thereto.

On motion of Lewis M. Bancroft, it was voted that the amounts as appropriated for hydrant rentals, water for street sprinkling, water for drinking fountains, together with the receipts for water, be appropriated for interest on water loan, maintenance of Water Works, and for main and service pipes, and that \$3000 be paid to the Town Treasurer to be used in part payment of water bonds.

On motion of Charles A. Loring, to amend by inserting \$4000 instead of \$3000, it was voted not to amend.

Art. 27. To see if the Town will raise and appropriate the sum of \$100 for improvements on the property known as Mayall Park, or what they will do in relation thereto.

On motion of Jesse W. Morton, it was voted to indefinitely postpone the subject matter of this article.

Art. 29. To see if the Town will establish and maintain a State-Aided Vocational Agricultural Department in connection with the Reading High School in accordance with the provisions of Chapter four hundred seventy-one of the Acts of the year nineteen hundred eleven, and Acts in amendment thereof or in addition thereto.

On motion of Walter S. Parker, it was voted that the Town do establish and maintain a State-Aided Vocational Agricultural Department in connection with the Reading High School, in accordance with the provisions of Chapter 471 Acts of 1911, and Acts in amendment thereof or in addition thereto.

Art. 30. To see if the Town will raise and appropriate the sum of two thousand dollars for the establishment and

maintenance of a State-Aided Vocational Agricultural Department of the High School for the year 1915.

On motion of Walter S. Parker, it was voted to raise and appropriate the sum of \$2000 for the establishment and maintenance of a State-Aided Vocational Agricultural Department of the High School for the year 1915.

Art. 44. To see if the Town will authorize the Trustees of the Public Library to apply to the Carnegie Corporation of New York for a gift for the erection of a public library building in Reading to be built under the direction of said trustees; and to see if the Town will in consideration of the gift of a sum of money for the erection of a public library building, agree with the donor to provide a site and to make an annual appropriation of a sum of money for the support and maintenance of a public library in such building, which, together with the dog tax, shall be equal to ten per cent. of the amount so given to the Town, not to exceed twenty-five hundred dollars; and will authorize the Board of Selectmen to execute such an agreement in the name and behalf of the town, or what it will do in relation thereto.

On motion of Horace G. Wadlin, it was voted to take up this article.

On motion of Horace G. Wadlin, it was voted that the Trustees of the Public Library be and they are hereby authorized to apply to the Carnegie Corporation of New York for a gift for the erection of a public library building in Reading to be built under the direction of said Trustees; and the Town in consideration of the gift of a sum of money for the purpose of erecting a public library building hereby agrees to provide a site therefor and to appropriate annually thereafter for the support and maintenance of a public library in such building a sum of money which together with the dog tax shall be equal to ten per cent. of the amount so given to the Town, not to exceed twenty-five hundred dollars per annum, and the Selectmen are hereby authorized to execute and deliver for and in behalf of the Town such an agree-

ment with the donor in form to be approved by the Town Counsel. The vote was: 147 in favor, none voted against, and it was declared a unanimous vote.

Art. 18. On motion of Carl M. Spencer, it was voted to take this article from the table.

On motion of Carl M. Spencer, it was voted that the Town Treasurer be authorized, with the approval of the Selectmen, to issue notes, bonds, or other certificates of indebtedness of the Town for an amount not exceeding \$4000, and payable \$500 each year from 1916 to 1923 inclusive and bearing interest at a rate not exceeding 5 per cent. payable semi-annually; and that proceeds of same, together with the balance of construction cash on hand Dec. 31, 1914, amounting to \$1,399.32, be appropriated to be expended under the direction of the Municipal Light Board for enlargements and extensions to the Municipal Light Plant within the limits of the Town of Reading, in accordance with the recommendations of the Finance Committee. Fifty-eight voted in favor of motion and three against, and said motion was declared carried by a two-thirds vote.

It was voted to adjourn until March 29, 1915, at 7.45 o'clock P. M.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., March 29, 1915.

A town meeting was held as per adjournment and was called to order by Moderator George L. Flint at 7.45 o'clock P. M.

On motion of Carl M. Spencer, it was voted that when this meeting adjourns it adjourn until Monday, April 26, 1915, at 7.45 o'clock P. M.

Art. 31. To see if the Town will raise and appropriate the sum of \$2550, or otherwise provide, for the purchase of

land and buildings at the junction of Lincoln and Washington Streets for a park, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted to indefinitely postpone the subject matter of this article.

Art. 32. To see if the Town will raise and appropriate the sum of \$55 for a Fire Alarm Box at the corner of Ridge Road and Main Street, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the subject matter of this article be referred to the Board of Fire Engineers.

Art. 33. To see if the Town will install and maintain two street lights on Ridge Road, or what they will do in relation thereto.

On motion of Harry P. Bosson, it was voted to lay this article on the table.

Art. 34. To see if the Town will extend the water main from the present last hydrant on West Street to the Wilmington line, or what they will do in relation thereto.

George P. Abbott moved to raise and appropriate \$1200 to carry out the provisions of this article. On vote the motion was declared lost.

Art. 35. William E. Parkins moved to reconsider the vote whereby it was formerly voted to not raise and appropriate the sum of \$375 to carry out the provisions of this article. A vote was taken and the Moderator declared the motion lost. The vote was doubted and a count was taken. Ten voted in favor of reconsideration, eighteen voted against reconsideration. The motion was declared lost.

Art. 36. To see what instruction the Town will give the Board of Selectmen in relation to filling vacancies on the Finance Committee.

On motion of Edgar O. Dewey, it was voted that the Selectmen be instructed to fill all vacancies on the Finance Committee.

Art. 37. To hear and act on the report of the Board of Selectmen on the laying out of Pratt Street, and see if the Town will raise and appropriate the sum of \$430 for that purpose, or what they will do in relation thereto.

REPORT OF SELECTMEN ON LAYING OUT OF PRATT STREET

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for the use of the Town as a public way, described as follows:

This portion of Pratt Street being an extension of the present Town way known as Pratt Street, between Prescott Street and Fairview Avenue, and is bounded and described as follows, viz.: The westerly line of said Pratt Street commences at a point on the southerly line of Prescott Street which is N 70° 44' E, a distance of 485 feet (measured along said southerly line of Prescott Street) from the stone bound at the southeast corner of Prescott Street and Summer Avenue; thence the line runs S 19° 17' E, a distance of 259.36 feet to an angle; thence S 18° 11' E, a distance of 343.20 feet to a point on the northerly line of Fairview Avenue, which is N 76° 10' E, a distance of 515 feet (measured along said northerly line of Fairview Avenue) from the easterly line of Summer Avenue. The easterly line of said Pratt Street commences at a point on the southerly line of said Prescott Street, which is N 70° 44' E, a distance of 535 feet from the southeast corner of Summer Avenue and Prescott Street; thence the line runs S 17° 5' E, a distance of 260.29 feet to the southerly line of a private way called Echo Avenue; thence the line runs S 18° 11' E, a distance of 346.24 feet to the northerly line of Fairview Avenue.

Said extension of Pratt Street being 50 feet wide at Prescott Street tapering to 40 feet wide at the southerly line of said Echo Avenue and then continuing 40 feet wide

for the remainder of its length. The plan and profile made by Clarence E. Carter under date of January, 1915, and hereto attached being a part of this description. We recommend that the way be called Pratt Street. The above mentioned way is to conform to the lines shown in red on a plan made by Clarence E. Carter dated January, 1915.

We have estimated the cost of building said Town way as \$430.

We recommend that when this report is accepted and adopted by the Town that the said way shall thereafter be known as a public town way.

OTIS B. RUGGLES
EDWIN L. HUTCHINSON
EDGAR O. DEWEY

Selectmen of Reading.

On motion of Edgar O. Dewey, it was voted that the report of the Selectmen on the laying out of Pratt Street be accepted and adopted and that the sum of \$430 be raised and appropriated to lay out said Pratt Street.

Art. 38. To hear and act on the report of the Board of Selectmen on the laying out of Echo Avenue and see if the Town will raise and appropriate the sum of \$400 for that purpose, or what they will do in relation thereto.

Art. 39. To hear and act on the report of the Board of Selectmen on the laying out of Fairview Avenue, and see if the Town will raise and appropriate the sum of \$400 for that purpose, or what they will do in relation thereto.

On motion of Arthur H. Jewett, it was voted to indefinitely postpone the subject matter of Articles 38 and 39.

On motion of Otis B. Ruggles, it was voted to rescind vote whereby it was voted to indefinitely postpone Arts. 38 and 39.

On motion of Theodore P. Berle, it was voted to lay these articles on the table to be acted on at the adjourned meeting to be held on April 26, 1915.

Art. 40. To hear and act on the report of the Board of Selectmen on the laying out of Deering Street and see if the Town will raise and appropriate the sum of \$600 for that purpose, or what they will do in relation thereto.

On motion of Charles A. Loring, it was voted to lay this article on the table to be acted on at the adjourned meeting to be held April 26, 1915.

Art. 41. To hear and act on the report of the Board of Selectmen on the laying out of Hill Crest Road and see if the Town will raise and appropriate the sum of \$540 for that purpose, or what they will do in relation thereto.

It was voted to refer this article back to Selectmen to make a new survey as to rounding the corners of Hill Crest Road where it enters Prescott Street, and to report on same at adjourned meeting to be held April 26th, 1915.

Art. 42. To hear and act on the report of the Board of Selectmen on the laying out of Woodward Avenue and see if the Town will raise and appropriate the sum of \$100 for that purpose, or what they will do in relation thereto.

REPORT OF SELECTMEN ON THE LAYING OUT OF WOODWARD AVENUE

READING, MASS., Feb. 20, 1915.

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for use of the Town as a public way, described as follows: beginning at a bound at the junction of the westerly line of High Street, which bound is 258.79 feet from the old stone bound at the angle point in High Street north from Mineral Street; thence the line runs south $70^{\circ} 44'$ W. 200 feet to a bound; thence south $67^{\circ} 27'$ W. 485.08 to the easterly line of Vine Street. Said way is to be 40 feet wide and on the southerly side of above described line. We recommend that the way be called Woodward Avenue.

The attached plan made by Charles R. Herrick dated October, 1911, being a part of this report.

We have estimated the cost of building said Town way as \$100.

We recommend that when this report is accepted and adopted by the Town that the said way shall thereafter be known as a public town way.

OTIS B. RUGGLES

EDWIN L. HUTCHINSON

EDGAR O. DEWEY

Selectmen of Reading.

On motion of Edgar O. Dewey, it was voted that the report of the Selectmen on the laying out of Woodward Avenue be accepted and adopted and that the sum of \$100 be raised and appropriated to lay out said Woodward Avenue.

Art. 5. On motion of C. Winthrop Smith, it was voted to take this article from the table. On motion of C. Winthrop Smith, it was voted that the Town Counsel be instructed to give his opinion as to the legality of the laying out of all streets recommended by the Board of Selectmen to be acted on at this annual town meeting.

On motion of Harry P. Bosson, voted that the Selectmen, Town Treasurer and Chairman of Finance Committee be instructed to investigate the liability and compensation insurance and see if it will be to the advantage of the Town to place all such insurance in one company, or that the Town may carry its own insurance, and report their findings at a future meeting.

Art. 5. It was voted to lay this article on the table.

Art. 4. On motion of A. Newell Howes, this article was taken from the table. After some discussion it was voted to lay this article on the table.

Art. 43. To see if the Town will authorize the Board of Selectmen to petition the Middlesex County Commissioners to straighten and widen the Lowell St. Bridge and approaches, over the Boston and Maine Railroad tracks, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted to authorize the Board of Selectmen to petition the Middlesex County Commissioners to straighten and widen the Lowell Street Bridge and approaches over the Boston and Maine Railroad tracks.

Art. 45. To see if the Town will raise and appropriate the sum of \$1,000 for making repairs and alterations on the Grouard house for town offices, or what they will do in relation thereto.

On motion of Henry R. Johnson, it was voted that a committee consisting of chairman of the Board of Selectmen, chairman of the Water Commissioners, Town Treasurer, Town Accountant and chairman of the Finance Committee be instructed to investigate the desirability of changing over the Grouard house to town offices and to estimate the cost of fitting up, janitoring and furniture for offices, and to report at the adjourned town meeting to be held April 26th, 1915.

On motion of Charles F. Brown, it was voted the sense of this meeting that the chairman of the Municipal Light Board and the opposition to the present management of the electric light plant and business represented by their two most prominent leaders be each asked to select a man who in their judgment is competent to pass upon the questions pertaining to the management and most economical and efficient equipment of the plant, and all other subjects relating to the business, and that the two so selected add one to their number of their own selection and that the three men so elected be asked to act as an investigating and advisory body and report the results of their investigations, showing any defects they may find in the present management or equipment, and suggest such improvements as may to them seem wise, at a future meeting of the Town and be authorized to employ a certified accountant.

It was voted to adjourn to meet in Lyceum Hall on Monday, April 26, 1915, at 7.45 o'clock P. M.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., April 26, 1915.

A town meeting was held as per adjournment and was called to order by Moderator George L. Flint.

Art. 19. On motion of Carl M. Spencer, it was voted to take this article from the table.

After much discussion it was voted to adjourn to Monday, May 3, 1915, at 7.45 o'clock P. M.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., May 3, 1915.

Pursuant to adjournment a town meeting was held and was called to order by Moderator George L. Flint.

Art. 19. This article being under discussion at adjournment on April 26, the prior meeting, was declared in order by the Moderator, whereupon he called upon Jesse W. Morton to take the chair.

On motion of Carl M. Spencer, it was voted that the Town Treasurer be authorized with the approval of the Selectmen to issue notes, bonds, or other certificates of indebtedness of the Town for an amount not exceeding \$12,000 and payable \$800 each year from 1916 to 1930 inclusive, the proceeds of same to be expended under the direction of the Municipal Light Board for enlargements and extensions to that portion of the Municipal Light Plant which has been constructed in the towns of North Reading and Wilmington and in that part of the town of Lynnfield known as Lynnfield Centre. One hundred and fifteen voted yes, two voted no, and it was declared carried by a two-thirds vote.

Art. 5. On motion of Herbert M. Viall, it was voted to take this article from the table.

On motion of Carl M. Spencer, it was voted that the Municipal Light Board be authorized to renew the street lighting contract with the town of North Reading for a period of five years from Dec. 1, 1915, said contract to contain such terms and conditions as said Board may deem advantageous to the Town of Reading.

After some discussion the Moderator called Jesse W. Morton to the chair. Charles F. Brown moved the previous question, which was carried, and then the main question was put and carried.

Art. 5. On motion of Herbert M. Viall, it was voted that the Collector be instructed to charge interest on taxes at the rate of six per cent. per annum after Nov. 1st, interest to be computed from Oct. 15.

Art. 38. Voted to take this article from the table.

REPORT OF SELECTMEN ON LAYING OUT OF ECHO AVENUE

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for use of the Town as a public way described as follows:

Echo Avenue, being a certain street situated in the westerly part of the Town of Reading, extending between the extension of Pratt Street and a private way called Sunnyside Avenue, and being bounded and described as follows viz: the southerly line commences at a point, on the easterly line of said extension of Pratt Street, which is S $17^{\circ} 05'$ E, a distance of 260.29 feet (measured along said easterly line) from the southerly line of Prescott Street; thence the line runs N $70^{\circ} 43'$ E, a distance of 495.24 feet to a point on the westerly line of said Sunnyside Avenue, which is S $18^{\circ} 02'$ E, a distance of 131.50 feet, and then S $16^{\circ} 04'$ E, a distance of 128.60 feet from a stone bound on the southerly line of Prescott Street. The northerly line is parallel with and distant 40 feet from the above described

southerly line. The plan and profile made by Clarence E. Carter under date of January, 1915, and hereto attached being a part of this description.

We recommend the way be called Echo Avenue. The above mentioned way is to conform to the lines shown in red on a plan made by Clarence E. Carter dated January, 1915. We have estimated the cost of building said Town way as \$400.

We recommend that when this report is accepted and adopted by the town that said way shall thereafter be known as a public Town way.

OTIS B. RUGGLES
EDWIN L. HUTCHINSON
EDGAR O. DEWEY

Selectmen of Reading.

On motion of Edgar O. Dewey, it was voted that the report of the Selectmen on the laying out of Echo Avenue be accepted and adopted and that the sum of \$400 be raised and appropriated to lay out said Echo Avenue.

Art. 39.

REPORT OF SELECTMEN ON LAYING OUT OF FAIRVIEW AVENUE

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for the Town as a public way, described as follows:

Fairview Avenue being a certain street in the westerly part of the Town of Reading, extending between Summer Avenue and an extension of Pratt Street, and being bounded and described as follows, viz: The southerly line commences at a point on the easterly line of Summer Avenue, which is N 15° 45' W, a distance of 101.98 feet (measured along said easterly line) from a stone bound at the end of the curve which has a radius of 620.85 feet; thence the line runs N 76° 10' E, a distance of 556.82 feet to a point which is on the extension of the easterly line of said Pratt Street

and which is S 18° 11' E, a distance of 646.52 feet from the southerly line of Prescott Street. The northerly line is parallel with and distant 40 feet from the above described southerly line. The plan and profile made by Clarence E. Carter under date of January, 1915, and hereto attached being a part of this description.

We recommend the way be called Fairview Avenue. The above mentioned way is to conform to the lines shown in red on a plan made by Clarence E. Carter dated January, 1915.

We have estimated the cost of building said Town way as \$400.

We recommend that when this report is accepted and adopted by the Town that said way shall thereafter be known as a public Town way.

OTIS B. RUGGLES

EDWIN L. HUTCHINSON

EDGAR O. DEWEY

Selectmen of Reading.

On motion of Edgar O. Dewey, it was voted that the report of the Selectmen on the laying out of Fairview Avenue be accepted and adopted and that the sum of \$400 be raised and appropriated to lay out said Fairview Avenue.

Art. 40.

REPORT OF SELECTMEN ON THE LAYING OUT OF DEERING STREET

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for the use of the Town as a public way, described as follows:

This portion of Deering Street, being the extension of the present Town way known as Deering Street, between Middlesex Avenue and Dudley Street, and bounded and described as follows, viz.: the westerly line commences at a point on the northerly line of Dudley Street which is S 85° 10' E, a distance of 419.85 feet (measured along said

northerly line) from the easterly line of High Street; thence the line runs N 5° 20' 30" E, a distance of 177.75 feet to an angle, and thence N 30° 44' 30" W, a distance of 223.80 feet to a stone bound at the southwest corner of Middlesex Avenue and Deering Street.

The above described street being 50 feet in width throughout and lays on the easterly side of the above described westerly line.

The plan and profile made by Clarence E. Carter under date of January, 1915, and hereunto attached being a part of this description.

We recommend the way be called Deering Street.

The above mentioned way is to conform to the lines shown in red on a plan made by Clarence E. Carter dated January, 1915.

We have estimated the cost of building said Town way as \$600.

We recommend that when this report is accepted and adopted by the Town that said way shall thereafter be known as a public Town way.

OTIS B. RUGGLES

EDWIN L. HUTCHINSON

EDGAR O. DEWEY

Selectmen of Reading.

On motion of Edgar O. Dewey, it was voted to accept report of Selectmen and adopt their recommendations and raise and appropriate \$600 to lay out said Deering Street.

Art. 34. On motion of George W. Abbott, it was voted to reconsider action taken on this article at a former meeting. On motion of George W. Abbott it was voted to raise and appropriate \$1300 to extend the water main from the present last hydrant on West Street to the Wilmington line.

Art. 41.

READING, MASS., Feb. 20, 1915.

REPORT OF THE SELECTMEN ON THE LAYING OUT OF HILL
CREST ROAD

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for use of the Town as a public way, described as follows:

This portion of Hill Crest Road being an extension of the present Town way known as Hill Crest Road, between Howard Street and Prescott Street, and is bounded and described as follows, viz: the easterly line commences at a point on the northerly line of Howard Street, which is on the extension of the line between the stone bound at the southeast corner of Howard Street and Hill Crest Road and the stone bound at the northeast corner of Hill Crest Road and Scotland Road, said point of beginning also being 6-100 feet east of the stone bound at the northeast corner of Hill Crest Road and Howard Street, thence the line runs N $16^{\circ} 05'$ W, a distance of 382.15 to a point on the southerly line of Prescott Street, which is S $70^{\circ} 17'$ W, a distance of 290.65 feet (measured on said southerly line of Prescott Street) from the westerly line of Summer Avenue.

The above described road being 45 feet in width throughout and lying on the westerly side of above described line. The plan and profile, made by Clarence E. Carter under date of January, 1915, and hereunto attached being a part of this description.

We recommend the way be called Hill Crest Road.

The above mentioned way is to conform to the lines shown in red on a plan made by Clarence E. Carter dated January, 1915. We have estimated the cost of building said Town way as \$540.

We recommend that when this report is accepted and

adopted by the Town that said way shall thereafter be known as a public Town way.

OTIS B. RUGGLES

EDWIN L. HUTCHINSON

EDGAR O. DEWEY

Selectmen of Reading.

On motion of Otis B. Ruggles, it was voted to rescind vote whereby it was voted to refer this article back to the Selectmen and instruct them to make a new survey of Hill Crest Road where it enters Prescott Street.

On motion of Edgar O. Dewey, it was voted that the report on the laying out of Hill Crest Road be accepted and adopted and that the sum of \$540 be raised and appropriated to lay out said Hill Crest Road.

Art. 45. The Committee, by Edgar O. Dewey, chairman, made a report as to what town officials could be accommodated in the Grouard House and the expense. Estimated cost of alterations \$1700; furniture \$500; maintenance \$500; total \$2700. It was voted to accept report of Committee.

On motion of Edgar O. Dewey, to raise and appropriate \$2700 for the purpose set forth in Article 41, this motion was declared not carried.

Art. 5. It was voted to take this article from the table.

On motion of Charles F. Brown, it was voted that the Selectmen be instructed to confer with the Historical Committee and give them the use of the building (the Grouard House) or a part of it for such a time as they think best.

Art. 5. Voted to lay this article on the table.

Art. 4. On motion of Lewis M. Bancroft, it was voted to take this article from the table. On motion of Lewis M. Bancroft it was voted to accept the reports of the Town Officers as printed: also the report of the Finance Committee.

Art. 5. On motion of Edgar O. Dewey, it was voted to take this article from the table.

On motion of Lewis M. Bancroft, it was voted that the Selectmen be given full power in the matter of suit of A. E. Batchelder vs. Town of Reading.

On motion of Edwin L. Hutchinson, it was voted that the Selectmen be authorized to pay the Moderator \$10 for the first meeting and \$5 for each other meeting.

On motion of Edgar O. Dewey, it was voted to give the Selectmen authority to sell the stable on the Grouard property.

Voted to adjourn without date.

MILLARD F. CHARLES, TOWN CLERK.

SPECIAL TOWN MEETING

LYCEUM HALL, READING, MASS., July 12, 1915.

Pursuant to the warrant and the Constable's return thereon a town meeting was held at the time and place specified therein, and was called to order by the Town Clerk Millard F. Charles. The warrant was partly read when it was moved and voted to dispense with further reading of the warrant except the Constable's return, which was read.

Art. 1. To choose a Moderator to preside at said meeting.

Art. 1. Proceeded to ballot for a Moderator. Edgar O. Dewey was appointed to check voters. The result of the ballot was as follows: whole number of ballots cast, two; necessary for a choice, two; Jesse W. Morton had two votes and was declared elected Moderator.

Art. 2. To see what instructions the Town will give its Town Officers.

It was voted to lay Art. 2 on the table.

Art. 3. To see what action the Town will take to provide a site for a free public library building to be built

under a gift from the Carnegie Corporation of New York, or what they will do in relation thereto.

On motion of Horace G. Wadlin, it was voted that for the purpose of providing a site for a free public library building to be built under a gift from the Carnegie Corporation of New York and in compliance with a condition of said gift the Trustees of the Public Library are authorized to take a portion of the "Grouard Lot," so called, owned by the town, beginning at the boundary line between said lot and the estate formerly of the late Dr. F. F. Brown, and continuing with a frontage on Lowell Street of about 125 feet, more or less, as shall be approved by the Selectmen in conference with said Trustees; and said land is hereby set apart as a site for the said library building.

Art. 4. To see if the Town will authorize and empower the Trustees of the Public Library to act in its behalf in the erection of a free public library building under a gift from the Carnegie Corporation of New York, or what it will do in relation thereto.

On motion of Horace G. Wadlin, it was voted that the Trustees of the Public Library are hereby authorized and empowered to act in behalf of the Town in the erection of a public library building under a gift from the Carnegie Corporation of New York, with authority to make contracts and to do every necessary thing in the name of the Town in connection with the erection of said building, but nevertheless without authority unless expressly authorized by an appropriation duly made therefor, to bind the Town to an expense in excess of the sum of \$15,000, pledged by the said Carnegie Corporation as a gift to the Town for the erection of said building ready for occupancy, exclusive of site, furnishings and fittings.

Art. 5. To see if the Town will raise and appropriate the sum of \$5,000, more or less, to provide for furnishings and fittings and other expenses, not covered by the gift of the Carnegie Corporation of New York, in connection with

the erection of a free public library building in Reading, or what they will do in relation thereto.

On motion of Horace G. Wadlin, it was voted to take up Art. 5. After some discussion it was voted to lay the article on the table.

On motion of Horace G. Wadlin, it was voted to rescind votes on articles 3 and 4.

On motion of Horace G. Wadlin, it was voted to refer Articles 3 and 4 and 5 to a committee to be appointed by the Moderator,—this committee to be instructed to report in print in THE READING CHRONICLE before the date to which this meeting is to be adjourned, viz: Monday, Sept. 20, 1915, at 7.45 o'clock P. M.

The Moderator appointed as the committee the Board of Trustees of the Public Library.

It was voted to lay Articles 3, 4 and 5 on the table.

Art. 6. To see if the Town will extend the water main on Pine Street from opposite the house of George I. Loomis to Haverhill Street, and authorize the sale of one water bond to pay the cost of same, or what it will do in relation thereto.

On motion of Henry R. Johnson, it was voted that the Water Commissioners are hereby authorized to extend the water main on Pine Street from opposite George I. Loomis' to Haverhill Street, provided a satisfactory guaranty of 4 per cent. is given. The Treasurer is hereby authorized to sell one one thousand dollar water bond for the purpose of the above extension. Forty-seven voted in favor, none voted against above motion.

Art. 7. To see if the Town will appropriate the sum of \$1200 from the amount in the Contingent Account, the same to be applied in part toward the indebtedness maturing in 1915, or what they will do in relation thereto.

On motion of John H. Sheldon, this article was laid on the table.

Art. 2. On motion of Galen A. Parker, it was voted to take this article from the table.

On motion of Galen A. Parker, it was voted that the Trustees of the Cemetery be and are hereby authorized and instructed to exchange with the Methodist Society, land now owned by them for land in the Cemetery, if in their judgment, it is advantageous for the Town that it be done.

It was voted to lay Art. 2 on the table.

Art. 3. It was voted to take this article from the table.

On motion of John W. Oronin, it was voted that \$100 be appropriated from Contingent Account for the use of the Committee to investigate a site for a public library.

Art. 7. It was voted to take this article from the table.

On motion of John H. Sheldon, it was voted that eleven hundred dollars be appropriated from the Contingent Fund to be applied in part towards the payment of the indebtedness maturing in 1915.

Art. 8. To see if the Town will authorize the Selectmen to appoint a Committee to consider the matter of better accommodations for Town offices, or what it will do in relation thereto.

On motion of Charles H. Stinchfield, it was voted that the Selectmen be authorized to appoint a Committee to consider the matter of better accommodations for town offices.

Art. 9. To see if the Town will appoint a Committee to consider the matter of motorizing the Fire Department, to report at the next annual town meeting, or what it will do in relation thereto.

On motion, it was voted that the present Board of Selectmen, the present Board of Fire Engineers, Lewis M. Bancroft, Mahlon E. Brande, and one more to be appointed by the Moderator, be a Committee to investigate and report at the next adjourned town meeting or annual town meeting on the advisability of motorizing the Fire Department. The Moderator appointed Frederick L. Springford.

Voted to adjourn as per previous motion to Sept. 20, 1915, at 7.45 o'clock P. M., in this hall.

MILLARD F. CHARLES, Town Clerk.

SPECIAL TOWN MEETING

LYCEUM HALL, READING, MASS., Sept. 20, 1915.

Pursuant to a warrant and the Constable's return thereon a town meeting was held at the time and place specified therein and was called to order by Town Clerk Millard F. Charles. The warrant was partially read when, on motion of Edgar O. Dewey, it was voted to dispense with further reading of the warrant except the Constable's return, which was duly read.

Art. 1. To choose a Moderator to preside at said meeting.

Proceeded to the election of a Moderator. The polls were duly opened and closed and the result of the ballot was as follows: whole number of vote scast, two; necessary for choice, two; Jesse W. Morton had two and was declared elected.

Art. 2. To see what instructions the Town will give its Town Officers.

It was voted to lay Art. 2 on the table.

Art. 3. To see if the Town will authorize the Selectmen to enter into a contract in behalf of the Town with the Massachusetts Highway Commission, to construct a State highway within the Town on Main Street, from Minot Street to the Boston & Maine Railroad crossing, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the Selectmen are hereby authorized to enter into a contract in behalf of the Town with the Massachusetts Highway Com-

mission to construct a State highway on Main Street, from Minot Street to the Boston & Maine Railroad crossing, under the provisions of Chapter 47 of the Revised Laws, and said Selectmen are given authority to sublet the contract.

Art. 4. To see if the Town will authorize the Selectmen to stipulate and agree to indemnify and save harmless the Commonwealth against all claims and demands for damages, which may be sustained by any person whose property is taken or injured by construction of highway described in Art. 3.

It was voted to pass over Art. 4.

Art. 5. To see if the Town will authorize the Selectmen to continue the construction of concrete sidewalks and appropriate the unexpended balance of amount raised and appropriated at the last annual town meeting for that purpose, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that the Selectmen are hereby authorized to continue the construction of concrete sidewalks and that the unexpended balance of the amount raised and appropriated at the last annual town meeting for that purpose be appropriated to continue the work.

At this time, on motion of Edgar O. Dewey, it was voted to adjourn to meet at close of the meeting of July 12, 1915, adjourned to this date.

MILLARD F. CHARLES, Town Clerk.

ADJOURNED SPECIAL TOWN MEETING OF JULY
12, 1915

LYCEUM HALL, READING, MASS., Sept. 20, 1915.

The meeting was called to order by Moderator Jesse W. Morton at time and place adjourned to.

Art. 2. On motion of George P. Abbott, it was voted to take Art. 2 from the table.

On motion of George P. Abbott, it was voted that it is the wish of this meeting that the Water Commissioners be instructed to lay the water pipes on West Street from near George P. Abbott's house to Wilmington line.

On motion of Edgar O. Dewey, it was voted that the Moderator fill vacancy on Committee for Motorizing the Fire Department made vacant by the resignation of Mahlon E. Brande. The Moderator appointed John W. Cronin.

On motion of Harry P. Bosson, it was voted to instruct the Selectmen to oppose the proposed raise in fares of the Bay State Street Railway Company.

The Trustees of the Public Library, acting as a Committee on the proposed gift of the Carnegie Corporation of New York, made a report of their recommendations which it was voted to receive and place on file.

Art. 3. On motion of Horace G. Wadlin, it was voted that for the purpose of providing a site for a free public library building to be built under a gift from the Carnegie Corporation of New York and in compliance with a condition of said gift the Trustees of the library are authorized to take a portion of the Grouard lot, so called, owned by the Town, to wit: the northerly portion of said lot extending along Lowell Street from the boundary line between the same and the estate of Mrs. Emma F. Brown, placing the northerly end of the building in any case not farther than twenty feet away from this boundary line; and providing the Town acting under warrant for a meeting to be held this day shall acquire the right to purchase eventually the said Brown estate with a right of way in the existing driveway on same, then not farther than ten feet away or nearer if found practicable.

Art. 4. On motion of Horace G. Wadlin, it was voted that the Trustees of the Public Library are hereby authorized and empowered to act in behalf of the Town in the

erection of a public library building under a gift from the Carnegie Corporation of New York, with authority to make contracts and to do every necessary thing in the name of the Town in connection with the erection and completion of said building ready for occupancy, but nevertheless without authority unless expressly authorized under an appropriation duly made therefor, to bind the Town to any expense in excess of the sum of \$15,000 pledged by said Carnegie Corporation as a gift to the Town for the erection of said building ready for occupancy, exclusive of site, furnishings and fittings.

Art. 5. On motion of Horace G. Wadlin, it was voted that the sum of \$5000 is hereby appropriated to be expended under the direction of the Trustees of the Public Library for furnishings and fittings, preparation and planning of site, grading, walks, professional services and expenses of supervision, and other incidental expenses not covered by the gift from Carnegie Corporation for the erection of a free public library building in Reading; and the Treasurer, with the approval of the Selectmen, is authorized to borrow said sum and to issue the notes of the Town therefor bearing interest at a rate of four per cent. per annum and payable annually in sums of \$1000 each. One hundred and fourteen voted yes, none voted no.

It was then voted to adjourn this meeting sine die.

MILLARD F. CHARLES, Town Clerk.

SPECIAL TOWN MEETING

LYCEUM HALL, READING, MASS., Sept. 20, 1915.

Pursuant to adjournment the Moderator called to order the special town meeting of this date which had been previously adjourned this evening until meeting adjourned from July 12, 1915, was completed and adjourned.

Art. 6. To see if the Town will authorize and direct its Selectmen to proceed in its behalf in the acquisition for municipal purposes, by purchase or by right of eminent domain, as the circumstances may require, certain estates, in whole or in part, assessed in the present year to the following parties, to wit: the estate on Woburn Street adjacent to the Grouard lot, so called, now owned by the Town, assessed to the heirs of George A. Boyce; the estate on Lowell Street adjacent to the said Grouard lot, assessed to Emma M. Brown; the estate on Lowell Street adjacent to the said Brown estate, assessed to Clara R. Burleigh; and to see how much money the Town will appropriate to meet the expense of acquiring the said estates in whole or in part and what action it will take to provide the same by loan or otherwise, or what they will do in relation to the subject of this article.

On motion of Horace G. Wadlin, it was voted that the Selectmen are hereby authorized and directed to act forthwith in behalf of the Town in the execution of a mutual agreement between the Town and Mrs. Emma M. Brown under which she will agree to sell and the Town shall agree to purchase at a date and for a price hereafter to be fixed by agreement between the parties (which price shall not exceed 25 per cent. above the assessed value) her estate on Lowell Street adjacent to the Grouard lot now owned by the Town, containing 14,000 square feet of land, more or less, with the buildings thereon; and with power to acquire, upon terms to be agreed upon, a right of way in the driveway on said estate giving access to the said Grouard lot; it being fully understood that, until the title to the Brown estate is finally passed to the Town, no other than the existing buildings shall be placed thereon by the present owner, nor other changes made or suffered by her that shall change the status of the property as it now exists, or its title, or constitute a lien upon the estate adverse to the right of the Town to purchase under the agreement herein contemplated;

and that in consideration of the agreement the Town will not in the meantime exercise the right of eminent domain.

Voted to adjourn without date.

MILLARD F. CHARLES, Town Clerk.

Vote at Primaries for Candidates for State Election
September 21, 1915

REPUBLICAN PARTY

GOVERNOR

Grafton D. Cushing, 20 Chestnut St., Boston . . .	131
Eugene N. Foss, 11 Revere St., Boston . . .	15
Samuel W. McCall, Myopia Road, Winchester . . .	271
Blanks	8

LIEUTENANT GOVERNOR

Calvin Coolidge, 21 Massasoit St., Northampton . .	220
Guy Andrews Ham, Canton Ave., Milton . . .	182
Blanks	23

SECRETARY

Albert P. Langtry, 242 Pearl St., Springfield . . .	368
Blanks	57

TREASURER

Charles L. Burrill, 25 Chestnut St., Boston . . .	368
F. A. Nichols	1
Blanks	56

AUDITOR

Edward C. R. Bagley, 36 W. Eagle St., Boston . . .	82
Alonzo B. Cook, 177 Ruggles St., Boston . . .	181
Samuel W. George, 45 Highland Ave., Haverhill . .	103
Blanks	59

ATTORNEY-GENERAL

Henry C. Atwill, 5 Ocean Ave., Lynn . . .	348
Blanks	77

COUNCILLOR, SIXTH DISTRICT

Henry C. Mulligan, 7 Highland St., Natick . .	342
Blanks	83

SENATOR, SEVENTH MIDDLESEX DISTRICT

Charles A. Kimball, King St., Littleton . . .	350
Blanks	75

REPRESENTATIVES, TWENTIETH MIDDLESEX DISTRICT

Fred J. Brown, 37 Arlington Road, Woburn . .	183
Edward B. Eames, 393 Main St., Reading . .	342
Edward Nelson Eames, Church St., Wilmington .	166
Blanks	155

COUNTY COMMISSIONER, MIDDLESEX COUNTY

John Lathrop Dyer, 77 Larch Road, Cambridge .	84
Harry A. Penniman, 55 Granite St., Cambridge .	39
Chester B. Williams, 19 Pond St., Wayland . .	226
Blanks	76

COUNTY TREASURER, MIDDLESEX COUNTY

Joseph O. Hayden, 114 Summer St., Somerville .	280
Harold David Wilson, 182 Morrison Ave., Somerville	70
Blanks	75

SHERIFF, MIDDLESEX COUNTY

John R. Fairbairn, 50 Thorndike St., Cambridge .	252
Adelbert B. Messer, 15 Central St., Concord . .	121
Blanks	52

STATE COMMITTEE, SEVENTH MIDDLESEX DISTRICT

Louis Pfeiffer, South Road, Bedford	324
Blanks	101

DELEGATES TO STATE CONVENTION

James P. Carleton, 179 Summer Ave.	344
Solon Bancroft, 25 Sanborn St.	339

Louis Ellenwood, 10 Gould St.	336
Frederick L. Springford, 55 Middlesex Ave.	341
Willie E. Twombly, 35 Highland St.	337
Clarence C. White, 26 Sanborn St.	346
Arthur E. Roberts, 128 Summer Ave.	335
Archer R. Prentiss, 33 Berkeley St.	338
Blanks and scattering	685

REPUBLICAN TOWN COMMITTEE

James P. Carleton, 179 Summer Ave.	340
Harvey A. Bancroft, 17 Mineral St.	332
Carl M. Spencer, 39 Chute St.	334
Edgar O. Dewey, 76 Main St.	337
Jesse W. Morton, 114 Woburn St.	329
Frederick L. Springford, 55 Middlesex Ave.	334
Frank F. Strout, Mill St.	330
Louis Ellenwood, 10 Gould St.	321
James W. Grimes, 141 Woburn St.	327
John F. Sawyer, 8 Arlington St.	5
Blanks and scattering	1261

DEMOCRATIC PARTY

GOVERNOR

Frederick S. Deitrick, 1664 Mass. Ave., Cambridge	1
David I. Walsh, 520 Main St., Fitchburg	32
Blanks	1

LIEUTENANT GOVERNOR

Edward P. Barry, 59 Thomas Park, Boston	32
Blanks	2

SECRETARY

Edwin A. Grosnover, 7 College St., Amherst	32
Blanks	2

TREASURER

Henry L. Bowles, 303 Main St., Springfield	33
Blanks	1

AUDITOR

Jacob O. Morse, 440 Harvard St., Brookline . . .	32
Blanks	2

ATTORNEY-GENERAL

Joseph Joyce Donahue, 47 Court St., Medford . . .	24
Harold Williams, Jr., 79 Walnut Place, Brookline . .	9
Blanks	1

COUNCILLOR, SIXTH DISTRICT

Joseph McNally, 50 Church St., Watertown . . .	28
Blanks	6

SENATOR, SEVENTH MIDDLESEX DISTRICT

Frederick W. Burke, 54 Robinson St., Lynn . . .	29
Blanks	5

REPRESENTATIVES IN GENERAL COURT, TWENTIETH MIDDLESEX DISTRICT

George L. Flint, 42 Highland St., Reading . . .	31
John J. Geary, 135 Bedford St., Woburn . . .	24
Blanks	15

COMMISSIONER, MIDDLESEX COUNTY

Michael M. O'Connor, 26 Woodbridge St., Cambridge	32
Blanks	2

TREASURER, MIDDLESEX COUNTY

David A. Keefe, 8 Wood St., Cambridge . . .	30
Blanks	4

SHERIFF, MIDDLESEX COUNTY

John J. Donavan, 42 Claire St., Lowell . . .	20
George A. Ferris, 10 Lake Ave., Woburn . . .	11
Blanks	3

STATE COMMITTEE, SEVENTH MIDDLESEX DISTRICT

Blanks	34
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DELEGATE TO DEMOCRATIC STATE CONVENTION

George L. Flint, 42 Highland St., Reading	26
Blanks	8

TOWN COMMITTEE, READING

George L. Flint, 42 Highland St., Reading	26
Millard F. Charles, 66 Bancroft Ave.	25
John W. Cronin, 58 Prescott St.	26
Owen McKenney, 116 John St.	27
Henry R. Johnson, 8 Sanborn St.	26
James A. Waters, 16 Green St.	24
John W. Haley, 65 Washington St.	25
John Connelly, 15 Minot St.	27
John H. Whelton, 7 High St.	26
Thomas H. Barrett, off 5 Ash St.	26
Daniel Cullinane, 119 Washington St.	27
Blanks	89

PROGRESSIVE PARTY

GOVERNOR

Nelson B. Clark, 44 Lathrop St., Beverly	5
Blanks	

LIEUTENANT GOVERNOR

Calvin Coolidge, 21 Massasoit St., Northampton	1
Blanks	4

SECRETARY

Albert P. Langtry, 242 Pearl St., Springfield	1
Blanks	4

TREASURER

Charles L. Burrill, 25 Chestnut St., Boston	1
Blanks	4

AUDITOR

Samuel W. George, 45 Highland Ave., Haverhill	1
Blanks	4

ATTORNEY-GENERAL

Henry O. Atwill, 5 Ocean Ave., Lynn	1
Blanks	4

COUNCILLOR, SIXTH DISTRICT

Blanks	5
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SENATOR, SEVENTH MIDDLESEX DISTRICT

Blanks	5
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REPRESENTATIVES IN GENERAL COURT

Blanks	10
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MIDDLESEX COUNTY COMMISSIONER

George A. Goodwin, 301 Brookline St., Cambridge .	5
Blanks	

MIDDLESEX COUNTY TREASURER

David A. Keefe, 8 Wood St., Cambridge	4
Blanks	1

MIDDLESEX COUNTY SHERIFF

John R. Fairbairn, 50 Thorndike St., Cambridge .	1
Blanks	4

STATE COMMITTEE, SEVENTH MIDDLESEX DISTRICT

Blanks	5
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DELEGATES TO STATE CONVENTION

Blanks	25
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TOWN COMMITTEE, READING

Blanks	25
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The votes were counted and declared in open town meeting and sealed and delivered to the Town Clerk.

It was then voted to adjourn.

MILLARD F. CHARLES, Town Clerk.

ANNUAL STATE ELECTION NOVEMBER 2, 1915

GOVERNOR

Nelson B. Clark of Beverly	28
Walter S. Hutchins of Greenfield	3
Samuel W. McCall of Winchester	900
Peter O'Rourke of Medford	2
William Shaw of Andover	74
David I. Walsh of Fitchburg	295
Blanks	9

LIEUTENANT GOVERNOR

Edward P. Barry of Boston	252
Calvin Coolidge of Northampton	945
Alfred H. Evans of Hadley	58
James Hayes of Plymouth	3
Chester R. Lawrence of Boston	22
Samuel P. Levenberg of Boston	2
Blanks	29

SECRETARY

Edwin A. Grosnover of Amherst	235
Albert P. Langtry of Springfield	959
Thomas J. Maher of Medford	6
Marion E. Sproule of Lowell	7
Willard O. Wylie of Beverly	55
Blanks	49

TREASURER

Henry L. Bowles of Springfield	228
Charles L. Burrill of Boston	967
Charles E. Fenner of Worcester	4
William E. Marks of Worcester	50
Jeremiah P. McNally of Salem	6
Blanks	56

AUDITOR

Alonzo B. Cook of Boston	939
James W. Holden of New Bedford	3

Henry C. Iram of Warwick	5
Jacob C. Morse of Brookline	235
William G. Rogers of Wilbraham	52
Blanks	77

ATTORNEY-GENERAL

Henry C. Atwill of Lynn	987
Frank Auchter of Boston	49
Joseph Joyce Donahue of Medford	202
John McCarthy of Abington	8
William Taylor of Worcester	2
Blanks	63

COUNCILLOR, SIXTH DISTRICT

Joseph McNally of Watertown	258
Henry C. Mulligan of Natick	927
Blanks	126

SENATOR, SEVENTH MIDDLESEX DISTRICT

Frederick W. Burke of Lynn	298
Charles A. Kimball of Littleton	928
Blanks	85

REPRESENTATIVES IN GENERAL COURT, TWENTIETH MIDDLESEX
DISTRICT

Fred J. Brown of Woburn	709
Enward B. Eames of Reading	965
George L. Flint of Reading	404
John J. Geary of Woburn	144
Blanks	400

COUNTY COMMISSIONER, MIDDLESEX COUNTY

Alfred C. Cutting of Weston	937
John Lathrop Dyer of Cambridge	29
George A. Goodwin of Cambridge	44
Michael M. O'Connor of Cambridge	187
William H. Walsh of Framingham	20
Blanks	94

COUNTY TREASURER, MIDDLESEX COUNTY

Dewitt Clinton Clapp of Cambridge	51
Joseph O. Hayden of Somerville	933
David A. Keefe of Cambridge	209
Blanks	168

SHERIFF, MIDDLESEX COUNTY

John J. Donovan of Lowell	213
John R. Fairbairn of Cambridge	982
Blanks	116

Amendment to Constitution—taking of land and to provide homes to relieve congestion of population: yes, 710; no, 242; blanks, 359.

Amendment to Constitution—shall women vote: yes, 471; no, 724; blanks, 116.

Amendment to Constitution—to levy tax on incomes and grant reasonable exemptions: yes, 768; no, 203; blanks, 340.

The votes were counted and declared in open town meeting and sealed and delivered to the Town Clerk, whereupon it was voted to adjourn.

MILLARD F. CHARLES, Town Clerk.

COMMONWEALTH OF MASSACHUSETTS, COUNTY OF MIDDLESEX
CITY OF WOBURN

In accordance with the provisions of Section 322, Chapter 835, Acts of 1913, the City Clerk of Woburn and the Town Clerks of Burlington, Reading, North Reading and Wilmington, being the City and Town Clerks of every city and town in Representative District number twenty within said County, met at the City Hall, Woburn, at noon on Friday, November 12, A. D. 1915, being the tenth day succeeding the day of the State Election held on Tuesday, Novem-

ber 2nd, A. D. 1915, and then and there opened, examined and compared the copies of the records of votes cast at said election for the office of Representative, and determined therefrom that Fred J. Brown of Woburn and Edward B. Eames of Reading were elected to the office of Representative.

The following is a schedule of the names of all persons for whom votes for Representative were given in said District and the number of votes given for each person, viz.:

Fred J. Brown of Woburn	2457
Edward B. Eames of Reading	2467
George L. Flint of Reading	1557
John J. Geary of Woburn	1497
Blanks	1425
Defective	7
Total	9410

In witness whereof, we, the City Clerk of Woburn and the Town Clerks of Burlington, Reading, North Reading and Wilmington hereunto set our hands this twelfth day of November, A. D. 1915.

J. FRED MALONEY, City Clerk, Woburn.

SELWYN H. GRAHAM, Town Clerk, Burlington.

MILLARD F. CHARLES, Town Clerk, Reading.

H. LESLIE UPTON, Ass't Town Clerk, No. Reading.

JAMES E. KELLEY, Town Clerk, Wilmington.

Town Clerk's Office, Reading, Mass.

Received and recorded.

MILLARD F. CHARLES, Town Clerk.

DOGS LICENSED DURING YEAR 1915

Whole number of licenses issued	334
30 Female licenses at \$5.00	\$150 00
304 Male licenses at \$2.00	608 00

Total cash received	\$758 00
Less fees for 334 licenses at 20 cents	66 80

Total due County Treasurer	\$691 20
Paid County Treasurer June 1, 1915 . .	\$478 20
Paid County Treasurer Dec. 3, 1915 . .	213 00

Total paid County Treasurer	\$691 20

HUNTERS' LICENSES ISSUED YEAR 1915

227 Hunters' Licenses issued at \$1.00 . .	\$227 00
227 Hunters' License fees at 15 cents . .	34 05

Due Fisheries and Game Commission	\$192 95
Paid Fisheries and Game Commission :	
March 1, 1915	\$ 26 35
October 18, 1915	17 85
November 2, 1915	141 10
January 1, 1916	7 65

Total paid Commission	\$192 95

MILLARD F. CHARLES, Town Clerk.

BIRTHS, MARRIAGES AND DEATHS

BIRTHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1915

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
Jan. 1	F	Mary Marchetti	James and Mary (Bertalena) Marchetti
Jan. 2	M	Frederick Melvin Day, Jr.	Frederick M. and Mary L. (Macreil) Day
Jan. 6	M	George Kinsley Brown	Everett W. and Helen M. (Sweeney) Brown
Jan. 14	M	Joseph Douglas White	Thomas W. and Winnie (Burbine) White
Jan. 23	F	Maxine Ruth Ames	John F., Jr., and Ruth E. (Humphrey) Ames
Jan. 29	F	Nora Carney	Bartholomew and Mary (Crowley) Carney
Jan. 29	M	Joseph Crawford Shaw	Joseph C. and Mary A. (Palmer) Shaw
Jan. 30	M	James Ralph Meuse	Henry and Elizabeth (Lafave) Meuse
Feb. 15	F	Bessie Teresa McFadden	Joseph F. and Winnifred J. (Day) McFadden
Feb. 16	M	Timothy Joseph Haley, Jr.	Timothy J. and Esther G. (Champagne) Haley
Feb. 17	F	Florence Ruby Williams	Ralph B. and Frances L. (White) Williams
Feb. 20	M	Harold F. Heselton	Ralph F. and Harriet M. (Carter) Heselton
Feb. 20	F	Eva Madaline White	Joseph A. and Laura M. (Doucette) White
Feb. 21	M	Wallace Edward Tilton	Edward C. and Helen (Perley) Tilton
Feb. 23	F	Margaret Teresa Hickey	James J. and Margaret (Mullaney) Hickey
Feb. 25	F		
Feb. 26	M	Lawrence Dennison Kinsley ..	Henry H. and Alice (Dennison) Kinsley
Feb. 26	F	Celia Woodward Kinsley	Henry H. and Alice (Dennison) Kinsley
Feb. 27	F	Emma Louise Welch	Harold L. and Mary L. (Eisan) Welch
Mar. 1	F	Phoebe Frances Mercer	James R. and Agnes B. (Hodsdon) Mercer
Mar. 5	F	Marguerite Tebeau	Frank A. and Delia (Doucette) Tebeau
Mar. 7	F	Nannette Clifford	James and Loraine (Cushman) Clifford
Mar. 10	F	Mary Catherine Riley	George J. and Louise J. (Ingalls) Riley
Mar. 10	M	Charles Augustus Gowing	Charles H. and Hattie M. (Putnam) Gowing
Mar. 14	F	Mabel Eleanor Crowe	Edw. H. and Eleonora (Schwarztrauber) Crowe
Mar. 19	M	Henry Curtis Merritt	Fred E. and Helen C. (Bodfish) Merritt
Mar. 21	F	Carolyn Muzzy	Horace T. and Emma C. (Daggett) Muzzy
Apr. 3	F		
Apr. 4	M	Geoffrey Roger Nichols	Elmer B. and Rena E. (Flanders) Nichols
Apr. 5	F	Linnie Kaplan	Louis and Pauline (Sokolou) Kaplan
Apr. 6	M	Gordon Douglas Logan	Joseph D. and Mary A. (Aitkenhead) Logan
Apr. 7	F	Ruth Jean Conner	Edward A. and Regina M. (Squires) Conner
Apr. 7	F	Margaret Esther Hoffman	Martin E. and Mary M. (Scott) Hoffman
Apr. 10	F	Alice Gracen Leach	William M. and Florence A. (Turner) Leach
Apr. 14	M	Bradford Chipman Foster	Harry P. and Carolyn M. (Belyea) Foster
Apr. 20	M	Norman Rolfe Hurd	Ernest A. and Hattie E. (Gleason) Hurd
Apr. 21	F	Frances Perry	George B. and Olive (Smart) Perry
Apr. 29	F	Marjorie Elizabeth Blanchard ..	George F. and Hecilla (Mitchell) Blanchard
May 2	F	Helen Martha Curtis	Hazen and Martha (Campbell) Curtis
May 4	M	Carleton Thompson Holbrook ..	Carle McG. and Alice M. (Houghton) Holbrook
May 5	M	Leo Peters	Joseph and Marie (Peters) Peters
May 8	M	Walter Henry Ellis	Alfred W. and Alice L. (Shanahan) Ellis
May 13			Percy L. and May (Gatley) Horrocks
May 18	F	Dorothy Mabel Crosby	Guy M. and Alice H. (MacKay) Crosby
May 21	M	Prescott Ernest Hobson	Joseph L. and Bessie I. (Mills) Hobson
May 22	F	Catherine Rita Brennan	J. Gordon and Sarah L. (Hamilton) Brennan
May 25	M	Harold Dennis Muse	Dennis R. and Irene (Doucette) Muse
June 8	F		
June 11	M	Junius Niles Carter	Percy N. and Blanche E. (Copeland) Carter
June 15	M	Philip Keniston Parker	Harold F. and Bertha G. (Buckle) Parker
June 19	F	Miriam Aileen Hazelton	Albert G. and Lucinda A. (Smith) Hazelton
June 20	F	Marion Elizabeth Enos	John J. and Adelaide (Oliver) Enos
June 22	M	Thomas Anthony Philbin	Thomas and Ellen B. (Grady) Philbin
June 25	F	Elizabeth Chase	John E. and Mary (Seavey) Chase
June 28	M	Samuel Foster Symonds	Hazen K. and Ethel G. (Foster) Symonds
June 28	F	Dorothy Allen Symonds	Hazen K. and Ethel G. (Foster) Symonds

BIRTHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1915

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
July 3	F	Wilma Arnold Haley.....	William A. and Margaret (Flint) Haley
July 9	M	Donald Lindsey.....	Alexander and Grace A. (Durgin) Lindsay
July 11	F	Dorothy May Watters.....	Harold E. and Margaret M. (Michelini) Watters
July 11	F	May Lila Stropole.....	Howard N. and Laura E. (Stanley) Stropole
July 13	F	Virginia Frances Dimock.....	Ernest F. and Elizabeth A. (Burke) Dimock
July 21	M	Walter Danforth Gardner.....	Walter D. and Bernice M. (MacConnell) Gardner
July 22	M	Nelson Joseph Burke.....	William H. and Genevieve (Beliveau) Burke
July 24	F	Lillian Christina Pendergrace.....	Arthur E. and Minnie (Gallant) Pendergrace
July 25	F	Eleanor Connelly.....	Michael J. and Agnes M. (Murphy) Connelly
July 25	M	Alfred Wallace Chesley.....	Alfred W. and Marion L. (Haag) Chesley
Aug. 5	M	William Henry Miller.....	Frederick H. and Erna M. (Herschel) Miller
Aug. 9	M	Roy Frederick Abbott.....	Iremus H. and Lelia I. (Nesbett) Abbott
Aug. 14	M	James Richard Sanborn.....	James F. and Annie G. (Stinchfield) Sanborn
Aug. 15	F	Hilda Elizabeth Younghans.....	Charles B. and Hilda E. (Swanson) Younghans
Aug. 16	M	David R. Quinlan.....	Thomas H. and Annie (Kelly) Quinlan
Aug. 20	M	George Frederick Gormlie.....	Charles F. and Bertha E. (Miller) Gormlie
Aug. 23	F	Florence Elizabeth Ainsworth.....	Rich'd H. and Seraphine E. (Turner) Ainsworth
Aug. 24	M	Carl Winthrop Sias.....	James W. and Janie M. (Sinton) Sias
Aug. 27	F	Catherine Julia Severance.....	Fred B. and Christina M. (Smith) Severance
Aug. 28	F	Pauline Harrison Knight.....	Walter B. and Grace (Fernald) Knight
Aug. 29	F	Esther Wilhelmina Anderson.....	Carl J. and Wilhelmina (Porath) Anderson
Aug. 30	M	Wesley Alden Rogers.....	Linwood A. and Evelyn (Merrill) Rogers
Sept. 3	F	Rowena Gertrude Stelling.....	Albert G. and Grace A. (Wesley) Stelling
Sept. 8	M	Ernest Harvey Rodgers.....	Clarence C. and Olive J. (Noyes) Rodgers
Sept. 15	F	Helen Zanni.....	Angelo and Kate (Cuneo) Zanni
Sept. 19	M	Wendell Leonard Esterberg.....	William L. and Anna V. (Brown) Esterberg
Sept. 20	F	Evelyn Theresa White.....	George A. and Margaret A. (Quinn) White
Sept. 21	M		
Sept. 29	M	Waldo Norvell Reeves, Jr.....	Waldo N. and Laura E. (Vidito) Reeves
Oct. 6	F	Barbara Louise Zwicker.....	Lavers D. and Cora (Hale) Zwicker
Oct. 8	M	Louis Ainsworth Merrill.....	Albert E. and Mary E. (Ainsworth) Merrill
Oct. 8	M	William Eugene Brown.....	William F. and Jean A. (Cran) Brown
Oct. 8	F	Catherine Ryan Marr.....	Fred A. and Elise (Ryan) Marr
Oct. 19	F	Stephanie Kozlowski.....	Stephen and Mary (Barcka) Kozlowski
Oct. 20	M	John Claussen Farnum.....	Fred E. and Florence L. (Claussen) Farnum
Oct. 21	F	Rose Theresa Arsenault.....	John R. and Matilda M. (Doucette) Arsenault
Oct. 22	F	Mary Isabel Waters.....	James G. and Florence (Himeon) Waters
Oct. 22	M	Milton Emery MacGregor, Jr.....	Milton F. and Helen A. (Emerson) MacGregor
Oct. 31	M	Dean Leonard Rounds.....	Samuel D. and Mary L. (Leonard) Rounds
Nov. 2	M	Charles Lyman Richardson, Jr.....	Charles L. and Ada B. (Horton) Richardson
Nov. 4	M	Wallace David Melonson.....	Wallace and Fannie (Doucette) Melonson
Nov. 9	M	Charles Robert Davis.....	Charles and Florence I. (Marshall) Davis
Nov. 10	F	Phyllis Marion DeLoria.....	Arthur E. and Blanche M. (Marion) DeLoria
Nov. 10	F	Gertrude May Hill.....	George H. and Carrie (Johnson) Hill
Nov. 11	M		
Nov. 15	F	Alice Gertrude Boyce.....	Joseph R. and Lillian M. (Gavin) Boyce
Nov. 18	M	Frank Bowman.....	Walter and Elizabeth (Peard) Bowman
Nov. 19	F	Louise Brooks Nichols.....	Louis H. and Inez (Holden) Nichols
Nov. 22	M	Roger Whitney.....	Charles E. and Rose F. (Perley) Whitney
Nov. 27	M	Paul Simon Porter.....	Lorie F. and Margaret (Coney) Porter
Dec. 6	F	Marjorie M. Brown.....	James W. and Etta (Betts) Brown
Dec. 6	F	Marian E. Brown.....	James W. and Etta (Betts) Brown
Dec. 9	M	Leland Palmer Hilts.....	Charles E. and Jennie (Logan) Hilts
Dec. 12	F	Ethel Pearl Anderson.....	John and Ethel (Hutchinson) Anderson
Dec. 13	F	Mary Elizabeth Cronin.....	John W. and Etta M. (Connolly) Cronin
Dec. 14	M		Leo and Irene (Betts) Johnson
Dec. 14	F	Marion Grant.....	Hugh B. and Elizabeth J. (Ruane) Grant
Dec. 16	F	Phyllis Mae Carpenter.....	Adelbert D. and Genevret (Quick) Carpenter
Dec. 19	M	William Moody Turner.....	William and Hazel (Freeman) Turner
Dec. 20	M	Richard Patrick Duvall.....	John P. and Theresa (Fitzsimmons) Duvall

BIRTHS IN OTHER YEARS CORRECTED AND OMITTED

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
1914			
Dec. 5	M	Harold Blake Weston	Joseph L. and Hattie E. (Blake) Weston
Nov. 14	M	George David MacDonald	Arthur P. and Margaretta H. (Weston) Mac- [Donald
Sept. 16	F	Margaret Bradstreet Guild	Robert G. and Ethel G. (Gould) Guild
June 18	M	Edward Scott Taylor	Edward S. and Alice M. (Thistle) Taylor
May 11	F	Ruth Elizabeth Thorne	Joseph E. and Alice E. (MacMonagle) Thorne
Jan. 22	M	John Cameron Fairbrother	Frank E. and Elizabeth F. (Fisher) Fairbrother
1913			
Oct. 1	F	Elizabeth Josephine Grant	Hugh B. and Elizabeth J. (Ruane) Grant
Mar. 9	M	Robert Merton Rodgers	Clarence C. and Olive J. (Noyes) Rodgers
1912			
June 9	F	Marguerite Louise Parker	George L. and Rubybelle (Parsons) Parker
1897			
Nov. 14	M	William James Scanlon	James and Christie (McLean) Scanlon

Whole number of births, 126. Nativity of Parents: Native Born, Males, 93; Females, 85.
Foreign Born, Males, 31; Females, 41.

MARRIAGES REGISTERED IN TOWN OF READING FOR THE YEAR 1915

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	RESIDENCE
Jan. 19	Leland S. Hagar.....	28	Candy Maker.....	Reading, Mass.
	Mabel J. Connor.....	28	Teacher	Lawrence, Mass.
Jan. 21	Louis Alphonse Demers.....	23	Electrician	Wakefield, Mass.
	Marie Isabella Morrin.....	19	Saleslady	Reading, Mass.
Jan. 22	Charles Edwin Judkins	48	Box Manufacturer.....	Reading, Mass.
	Bessie G. Tedford.....	34	Housekeeper	Reading, Mass.
Jan. 30	Dean Peabody, Jr.....	26	Instructor	Somerville, Mass.
	Marjorie Roberts.....	24	At Home.....	Reading, Mass.
Feb. 11	Raymond J. Moulaison.....	30	Laborer.....	Lynn, Mass.
	Mary C. Bourque.....	23	Housework	Reading, Mass.
Feb. 20	Louis Herbert Nichols.....	32	Motorman	Reading, Mass.
	Inez H. Rosson.....	32	At Home.....	Reading, Mass.
Mar. 18	Charles I. Nesmith, Jr.....	24	Farmer	Reading, Mass.
	Abbie I. Bokleman.....	21	None	Reading, Mass.
Mar. 22	Walter Alvertin Bowman.....	35	Carpenter	Reading, Mass.
	Elizabeth Anna Peard.....	28	Housekeeper	Reading, Mass.
Apr. 5	Harold R. Stuart.....	21	Real Estate.....	Brookline, Mass.
	Lillian W. McWade.....	19	None	Reading, Mass.
Apr. 5	Thomas Albert Welch.....	26	Machinist.....	Hinsdale, N. H.
	Molly Lillian Lowell.....	22	At Home	Reading, Mass.
Apr. 12	Malcolm Worcester Jewett.....	23	Commercial Traveller..	Reading, Mass.
	Edith Raye Symonds.....	19	Organist.....	Reading, Mass.
Apr. 19	Edward LeBlanc.....	21	Rubber Worker.....	Reading, Mass.
	Frances Louise Castine.....	18	Laundry Worker.....	Reading, Mass.
Apr. 27	Phillip Eps'lein.....	23	Merchant	Boston, Mass.
	Marion Freedman.....	22	At Home.....	Reading, Mass.
Apr. 29	Ernest Herbolzheimer.....	23	Pipe Maker.....	Reading, Mass.
	Alice May Flanders.....	25	Box Maker	Stoneham, Mass.
May 2	Joshua White	27	Mill Hand	Reading, Mass.
	Sadie Amirault.....	23	Housework	Reading, Mass.
May 4	Herbert Alban Buttrick.....	20	Machinist.....	Reading, Mass.
	Ethel Elizabeth Greenyer.....	16	At Home.....	Reading, Mass.
May 5	Frederick H. Mayo.....	34	Messenger.....	Winthrop, Mass.
	Maude E. Turner.....	27	At Home.....	Freedom, Me.
May 12	Geatone P. Spinelli.....	28	Shoe Maker.....	Reading, Mass.
	Bertha O. (Barber) Mackay.....	24	None	Malden, Mass.
May 15	David Allison Youill.....	38	Real Estate	Reading, Mass.
	Flora Augusta Benson	23	None	Reading, Mass.
May 29	Leslie A. Nichols.....	29	Cutter	Reading, Mass.
	Helen W. Carter.....	28	Finisher	Woburn, Mass.
May 30	John Arseneault	20	Mill Hand.....	Reading, Mass.
	Matilda Doucette.....	20	Shoe Worker	Stoneham, Mass.
June 8	Francis Clifford Tukey.....	46	Garage	Reading, Mass.
	Clara E. Tilden.....	42	Nurse	Reading, Mass.
June 9	J. Raymond Nichols.....	21	Ass't Superintendent..	Reading, Mass.
	A. May Spicer.....	21	Clerk	North Reading, Mass.
June 16	Arthur Dinsmore Gordon.....	55	Merchant.....	Reading, Mass.
	Laura B. Sutherland.....	31	At Home.....	Malden, Mass.
June 17	Arthur W. Mason.....	42	Shoemaker.....	Lynn, Mass.
	Lilla M. Cook.....	41	Operative.....	Lynn, Mass.
June 23	Angus G. Mathieson.....	27	Candy Maker.....	Dorchester, Mass.
	Alberta R. Doyle	23	Teacher.....	Reading, Mass.
June 23	Charles Williams	30	Garage	Nashua, N. H.
	Margery Willis.....	22	None	Reading, Mass.
June 28	Ernest Benj. Wyatt.....	23	Engineer	Wakefield, Mass.
	Ethel May Hinchcliffe	28	At Home.....	Reading, Mass.

MARRIAGES REGISTERED IN TOWN OF READING FOR THE YEAR 1915

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	RESIDENCE
July 4	Warren McEachren.....	21	Baker.....	Everett, Mass.
	Helena Ballou.....	25	Nurse.....	Reading, Mass.
July 6	Roy Eldson Richardson.....	24	Machinist.....	Reading, Mass.
	Hilda Weston Eames.....	24	Teacher.....	North Reading, Mass.
July 10	John Charles Chesley.....	35	Grocer.....	Wakefield, Mass.
	Alice Smith.....	23	Clerk.....	Reading, Mass.
July 10	Samuel Atkins Eliot, Jr.....	22	Play Producer.....	Cambridge, Mass.
	Ethel Agusta Cook.....	25	Editor.....	Pittsfield, Mass.
July 25	James G. Watters.....	18	Chemist.....	Reading, Mass.
	Florence L. Himeon.....	18	Housemaid.....	Reading, Mass.
July 30	George H. Gibbs.....	35	Blacksmith.....	Reading, Mass.
	Evelyn Annie MacClellan.....	28	Compositor.....	Somerville, Mass.
Aug. 3	John Elihu Dwight, Jr.....	45	Gentleman.....	Falmouth, Mass.
	Dora Campbell Dickson.....	35	Graduate Nurse.....	Reading, Mass.
Aug. 6	Everett Webster Andrews.....	22	Bookkeeper.....	Essex, Mass.
	Mary Emma Goodwin.....	20	Dressmaker.....	Reading, Mass.
Aug. 11	Samuel Smith Thyng.....	53	Painter.....	Reading, Mass.
	Julia A. Boyce.....	47	At Home.....	Reading, Mass.
Aug. 20	William J. Head.....	21	Rubber Worker.....	Bristol, R. I.
	Irene May Taylor.....	18	Housemaid.....	Pawtucket, R. I.
Aug. 24	William Herbert Swasey.....	23	Trainman.....	Reading, Mass.
	Geneva Wilkinson.....	19	Housework.....	Reading, Mass.
Aug. 25	Llewellyn Wight Jordan.....	23	Fireman.....	Reading, Mass.
	Ethel Messina Moreshead.....	22	At Home.....	Dedham, Mass.
Aug. 25	Wilbur C. Cummings.....	50	Brushmaker.....	Reading, Mass.
	Joanna Murray.....	37	Housework.....	Reading, Mass.
Sept. 5	Sylvain Muse.....	28	Mill Hand.....	Reading, Mass.
	Margaret Boutchee.....	22	At Home.....	Essex, Mass.
Sept. 10	Frank Clark Huckins.....	49	Photographer.....	Lube, Maine
	Annette E. Miller.....	48	Nurse.....	Reading, Mass.
Sept. 18	Park L. Gougaware.....	25	Linotype Engineer.....	Boston, Mass.
	Helen H. Cook.....	25	Stenographer.....	East Boston, Mass.
Sept. 21	Oscar Harris Rounds.....	24	Clerk.....	Reading, Mass.
	Muriel Alice Emerson.....	25	At Home.....	Reading, Mass.
Sept. 28	Otis Holbrook Brown.....	46	Merchant.....	Reading, Mass.
	Minette Vincent Harrington.....	34	Nurse.....	Malden, Mass.
Sept. 29	Orville O. Ordway.....	50	Blacksmith.....	Reading, Mass.
	Edna M. Cutter.....	20	At Home.....	Reading, Mass.
Oct. 2	Roy Edward Wyatt.....	25	Fireman.....	Wakefield, Mass.
	Elsie May Crother.....	23	Bookkeeper.....	Somerville, Mass.
Oct. 2	Oscar Curtis Merritt.....	29	Engineer.....	Reading, Mass.
	Myra Louise Chadwick.....	29	Teacher.....	Cataumet, Mass.
Oct. 2	Harold Carmi Robinson.....	23	Clerk.....	Reading, Mass.
	Al'a Mildred Abbott.....	22	At Home.....	Wakefield, Mass.
Oct. 3	William W. Sawyer.....	33	Inspector.....	Reading, Mass.
	Mary Agatha Bonin.....	28	Stenographer.....	Reading, Mass.
Oct. 3	Clarence L. Dow.....	22	Cook.....	Reading, Mass.
	Joanna Nickerson.....	21	Waitress.....	Reading, Mass.
Oct. 5	Oliver L. Akерley.....	56	Manufacturer.....	Reading, Mass.
	Myra C. Viall.....	53	At Home.....	Reading, Mass.
Oct. 6	Charles William Ellenwood.....	25	Trainman.....	Reading, Mass.
	Minerva G. Gilman.....	20	Clerk.....	Reading, Mass.
Oct. 9	Chester Warren Sherman.....	20	Teamster.....	Reading, Mass.
	Ella Frances Brown.....	16	At Home.....	Dorchester, Mass.
Oct. 12	John F. White.....	27	Clerk.....	Reading, Mass.
	Edith F. Doucette.....	26	Stenographer.....	Reading, Mass.
Oct. 17	Frank Doucette.....	36	R. R. Man.....	Reading, Mass.
	Mary Morris.....	22	Operative.....	Reading, Mass.
Oct. 18	Clarence A. Studley.....	24	R. R. Man.....	Reading, Mass.
	Marjorie Jaquith.....	19	None.....	Stoneham, Mass.
Oct. 30	Hamilton Gaw.....	26	Motorman.....	Reading, Mass.
	Florence M. Lovejoy.....	29	At Home.....	Reading, Mass.

MARRIAGES REGISTERED IN TOWN OF READING FOR THE YEAR 1915

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	RESIDENCE
Nov. 6	William E. Jenkins.....	28	Clerk	Mercer, Pa.
	Oolooloo Hadley.....	23	Artist	Reading, Mass.
Nov. 9	Albion I. Dole.....	27	Pipe Maker.....	Reading, Mass.
	Gladys E. Millbury.....	17	Bookkeeper.....	Reading, Mass.
Nov. 12	Donald H. Stevens.....	21	Mill Hand	Reading, Mass.
	Alice M. Haines.....	22	Housekeeper	Reading, Mass.
Nov. 16	Harry Wesley Carter.....	27	Clerk	Somerville, Mass.
	Gladys Gilbert.....	21	At Home.....	Somerville, Mass.
Nov. 18	Andrew Charles Dobbins.....	28	Conductor.....	Reading, Mass.
	Sarah Ann Freal.....	25	Housework	Woburn, Mass.
Nov. 25	Frank Burbine.....	23	Mill Hand.....	Reading, Mass.
	Nellie Deveau.....	19	Shoe Worker	Reading, Mass.
Nov. 26	Leslie Wilder Martin.....	24	Mechanic	Reading, Mass.
	Carrie Viola Drew.....	35	Milliner.....	Reading, Mass.
Nov. 29	Arthur E. Moulton.....	39	Salesman	Lynnfield, Mass.
	Frances H. Radcliffe	37	At Home.....	Lynnfield, Mass.
Nov. 31	Alexander Dulong.....	42	Car Repairer	Reading, Mass.
	Lillian Dulong.....	42	Housework	Reading, Mass.
Dec. 12	Henry McDonald.....	21	Shipping Clerk.....	Reading, Mass.
	Emily Louise Cary.....	20	Shoe Stitcher.....	North Reading, Mass.
Dec. 15	Raymond George Doucette.....	24	Cabinet Maker	Wakefield, Mass.
	Mabel Elizabeth Parker	19	Housework	Reading, Mass.
Dec. 20	Leon T. Harris.....	21	Clerk	Wakefield, Mass.
	Lucretia A. Froton.....	18	At Home.....	Reading, Mass.

Whole number of marriages, 71. American born: Males 57, Females 53. Foreign born: Males 16; Females 16.

DEATHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1915

DATE	NAME	Y	M	D	CAUSE OF DEATH
Jan. 1	Catherine J. Lehan	50	6	26	Bronchitis
Jan. 1	Joseph F. Williams	78	3	2	Cerebral Hemorrhage
Jan. 2	Bartholomew Murphy	57	4	14	R. R. Accident
Jan. 3	Helen Doucette	0	1	1	Malnutritis
Jan. 4	Jeremiah Cullinane	64	0	0	Chronic Bronchitis
Jan. 9	Ebenezer P. Edmands	69	5	27	Cerebral Hemorrhage
Jan. 22	Azro A. Smith	87	5	16	Acute Bronchitis
Jan. 22	Robert G. Turner	44	9	17	Pulmonary Tuberculosis
Feb. 2	Leslie F. Richardson	0	8	22	Broncho Pneumonia
Feb. 14	Hersey F. Baker	0	2	10	Bronchitis
Feb. 19	Elizabeth Foster McIntire	92	6	25	Bronchitis
Feb. 20	Daniel A. Ritter	64	0	0	Arterio Sclerosis
Feb. 22	Nelson Skinner	92	9	27	Cardiac Odoema
Feb. 25					
Feb. 28	Roland H. Gray	0	2	22	Chronic Indigestion
Mar. 3	Mary Carney	48	10	0	Valvular Disease of Heart
Mar. 10	Catherine Russell Reddy	65	0	0	Apoplexy
Mar. 12	Julia T. Carter	64	0	0	Valvular Heart Disease
Mar. 14	Julia Clements	73	6	12	Chronic Nephritis
Mar. 14	Addie G. Luscomb	59	2	19	Pneumonia
Mar. 28	Susan Maria Penney	83	1	15	Bronchitis
Apr. 4	Charles F. Stiles	82	0	0	Pneumonia
Apr. 4	Sarah A. Parker	77	1	0	Cerebral Hemorrhage
Apr. 5	Julia M. Woodruff	87	7	24	Cerebral Hemorrhage
Apr. 5	Mary A. Gould	85	1	21	Valvular Heart Disease
Apr. 5	Elizabeth P. J. Smith	82	11	1	Pneumonia
Apr. 7	John R. Malonson	2	4	0	Diphtheria
Apr. 11	Ruth McClennan	3	5	2	Diphtheria
Apr. 12	Sarah F. Danforth	78	5	0	Cerebral Hemorrhage
Apr. 17	Charles F. Doyle	60	8	2	Valvular Heart Disease
Apr. 27	Abbie A. Cummings	79	8	11	Apoplexy
Apr. 30	Clayton H. Raymond	30	1	10	Acute Endocarditis
May 2	Hannah C. Gray	92	11	27	Arterio Sclerosis
May 8	Leo Peters	0	0	3	Jaundice
May 11	Lilian K. Ramsay	58	9	5	Anaemia
May 14	George M. Jackson	47	0	0	Paralysis
May 19	— Horrocks	0	0	6	Hemorrhagic
May 22	Mary Maguire	84	0	0	Cerebral Hemorrhage
May 24	Carrie Williams	13	1	24	Scarlet Fever
May 28	Mary C. Lovejoy	70	2	18	Thrombosis
May 28	Hepsibah S. Briggs	83	4	8	Valvular Disease of Heart
June 14	Ephraim Wight	78	5	29	R. R. Accident
June 15	Lucy E. Kidder	60	7	21	Carcinoma
June 16	Norman H. Vermille	20	6	14	Drowning
June 17	Martha A. Ames	79	6	11	Gastritis
June 23	Joseph S. Temple	75	8	11	Pneumonia
June 24	Emily Buxton	75	0	0	Tuberculosis
June 25	George Henry Daland	68	9	6	Cancer
June 27	James McGill	62	0	0	Tuberculosis
July 5	Edward Tipper	85	8	3	Heart Disease
July 7	Eliza Jane Kidder	63	0	0	Hemorrhage
July 12	Charles L. Tuttle	66	6	28	Heart Disease
July 14	Eva B. Bacon	34	6	10	Carcinoma
July 17	Mary L. Stropole	0	0	7	Intestinal Obstruction
July 31	Alexander P. Steadman	51	7	0	Tuberculosis

DEATHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1915

DATE	NAME	Y	M	D	CAUSE OF DEATH
Aug. 1	Ruth Brown	4	1	0	Nephritis
Aug. 9	Annie L. Welch	18	0	3	Heart Disease
Aug. 9	Theresa A. Walsh	55	5	13	Nephritis
Aug. 11	George Lewis	67	9	1	Carcinoma
Aug. 12	Frank W. Parker	66	0	27	Hemorrhage
Aug. 12	Nettie M. Stimpson	56	8	21	Myocarditis
Aug. 13	Nancy M. Pruden	80	8	21	Pneumonia
Aug. 14	Martha Converse	82	3	19	Arterio Sclerosis
Aug. 21	James E. Wilkins	57	5	8	Cystitis
Aug. 21	Ruth Barker	54	8	27	Nephritis
Aug. 25	Harold Blake Weston	0	3	20	Gastro Enteritis
Sept. 2	Amelia Coombs	37	4	13	Tuberculosis
Sept. 4	Robert Rachul	25	0	0	Drowning
Sept. 7	Esther W. Anderson	0	0	9	Icterus Neonatorum
Sept. 7	Michael Devaney	64	0	0	Natural Causes
Sept. 12	Benjamin Franklin Flanders	55	10	23	Cerebral Hemorrhage
Sept. 17	Harold F. Heselton	0	6	28	Enteritis
Sept. 21	Lizzie B. Mitchell	69	11	30	Carcinoma
Sept. 21					
Sept. 24	Henry P. Miller	82	5	1	Myocarditis
Sept. 28	Catherine Ellen Marshall ..	90	1	20	Gastritis
Sept. 30	Robert J. Hamilton	38	9	22	Tuberculosis
Oct. 3	Hiram Burr Crandall	80	11	12	Tumor
Oct. 5	John N. Nichols	60	0	0	Bronchitis
Oct. 13	William Allen Sylvester	59	2	20	Pneumonia
Oct. 15	Elise Lalonde	66	4	3	Nephritis
Oct. 16	Ellen Ford Beard	79	9	26	Pneumonia
Oct. 18	Sarah N. Abbott	82	1	21	Carcinoma
Oct. 21	Nellie A. Day	53	6	19	Valvular Heart Disease
Oct. 24	Frederick Hersam Gerry	60	10	27	Cirrhosis of Liver
Oct. 27	Atkins Higgins	80	2	6	Uremia
Oct. 27	Mary A. Murphy	70	0	0	Nephritis
Nov. 5	Emma Parker	62	2	19	Pneumonia
Nov. 10	Ann Gertrude Whelton	49	4	28	Carcinoma
Nov. 11					
Nov. 14	Benjamin F. Adams	83	10	19	Pneumonia
Nov. 18	Henry F. Scruton	74	0	0	Cancer
Nov. 26	John Joseph Philbin	2	2	14	Shock from operation
Dec. 1	Beatrice C. Marquise	26	2	19	Tuberculosis
Dec. 6	Bertram E. Reissle	14	11	0	Fracture of Skull
Dec. 16	Ellen M. Carr	82	8	22	Cerebral Hemorrhage
Dec. 19	Robert R. Centro	72	1	27	Bronchitis
Dec. 27	Russell P. Burbank	9	9	19	Peritonitis

Whole number of deaths, 33. American born: Males, 40; Females, 38. Foreign born: Males, 10, Females, 10.

REPORT OF SELECTMEN

TO THE CITIZENS OF READING :

We herewith submit our report for the year ended December 31, 1915.

HIGHWAYS

Edward H. Crowe was reappointed Superintendent of Streets and his work has been satisfactory to the board.

Another section of Lowell Street has been constructed under supervision of the Mass. Highway Commission and two-thirds of the expense was borne by the State and Middlesex County. This is the first year an allotment for highway construction has been made to the Town by the County. Lowell Street is therefore completed to Middlesex Avenue on the east and to within two thousand feet of the Wilmington line on the west. This street should be completed during the coming year, provided the State and County will bear two-thirds of the expense. There has now been expended on this street a total of \$17,000.00.

Haverhill Street was rebuilt a distance of 3,000 feet as voted by the Town. Considerable grading and repair work has been done on Green Street, Federal Street, Woburn Street, Summer Avenue, Franklin Street, Pearl Street, Berkeley Street, Perkins Avenue and Prescott Street Extension.

A Ford truck was purchased for the use of the highway department and it has been a valuable addition to the department. The maintenance has been considerable less

than horse hire and the truck has been available for the use of the Police Department during the night and has been used by that department on many occasions.

NEW STREETS

Deering Street, from Middlesex Avenue to Dudley Street, Pratt Street, from Prescott Street to Fairview Avenue, Echo Avenue, Woodward Avenue, Fairview Avenue, from Summer Avenue to Pratt Street, and Hill Crest Road, from Howard Street to Prescott Street, have been laid out as voted by the Town.

DRAINS

The Minot Street drain has been laid in accordance with the vote of the Town and Minot Street, Warren Avenue and Maple Street were graded in order that the surface water could be carried to the catch basins and inlets connecting with the drain.

SIDEWALKS

A new sidewalk has been built on North Main Street to Wells Road in accordance with the vote of the Town. A new sidewalk has been built on the west side of South Main Street to within 75 feet of the Stoneham line. We were unable to complete it to the line as voted, as the Highway Commission refused to allow at this time the removal of shade trees which are in the sidewalk line. One mile of sidewalk has been rebuilt on the west side of South Main Street as voted. Gravel grading has been done on a number of sidewalks in various sections of the Town.

Tar concrete sidewalks have been built on Prescott Street, Woburn Street, High Street, Harnden Street and Middlesex Avenue. Three thousand square yards were laid on the above streets. The last sections of this work were

done in the fall and owing to the cold weather did not come out as smooth as it should. We have consequently held back \$200 until the contractor makes the work satisfactory in the spring.

DUST LAYING

Fifty thousand two hundred seventy three gallons of oil have been applied on approximately 350,000 square yards of roads and there is an unexpended balance in the Oil appropriation of \$177.97 and Street Watering of \$230.15.

GUIDE POSTS

Guide posts or suitable substitutes are maintained at the following locations:

Corner Walnut Street and South Street.

- “ Walnut Street and Summer Avenue.
- “ Main Street and Summer Avenue.
- “ Woburn Street and Summer Avenue.
- “ West Street and Summer Avenue.
- “ West Street and Woburn Street.
- “ Lowell Street and Willow Street (2).
- “ Lowell Street and High Street.
- “ Lowell Street and Middlesex Avenue.
- “ Grove Street and Franklin Street.
- “ Main Street and Franklin Street.
- “ Mill Street and Short Street.
- “ Franklin Street and Haverhill Street.
- “ Charles Street and Haverhill Street.
- “ Haverhill Street and Pine Street.
- “ Pine Street and Salem Street.
- “ Charles Street and Pearl Street.
- “ Charles Street and Main Street.
- “ Main Street and Pearl Street.

Corner Main Street and Salem Street.

“ Salem Street and Lowell Street.

“ Woburn Street and Lowell Street (2).

“ Salem Street and Harnden Street.

“ Main Street and Pleasant Street.

“ Pleasant Street and Parker Street.

“ Haven Street and Village Street.

“ Haven Street and Ash Street.

“ Main Street and Ash Street.

“ Middlesex Avenue and High Street.

Main Street on the Common.

Harnden Street near Pleasant Street.

LOWELL STREET BRIDGE

In accordance with the vote of the Town this board petitioned the Middlesex County Commissioners, praying that a decree be made prescribing the repairs that should be made by the Boston & Maine R. R. Co. at the bridge at the crossing of Lowell Street, in order to make it safe for public travel. A number of hearings were held and the Boston & Maine R. R. contested the case very strongly. The Town finally won their case and the County Commissioners issued a decree in which they stated that the present width of said bridge is and long has been entirely inadequate to meet the requirements of public travel and occasions a serious and dangerous interference therewith, and ordered the Boston & Maine R. R. to make the necessary repairs and bear the whole expense of the same, including the cost of the petition. The repairs include a bridge 35 ft. in width in the clear, constructed of steel girders and stone or concrete masonry abutments, the approaches to be graded a distance of 100 ft. and guard rails to be erected at all steep and dangerous places. The said repairs to be completed June 1, 1916.

POLICE DEPARTMENT

William E. Swain was reappointed Chief of Police and Jeremiah Cullinane, Jr., Oscar H. Low and George C. Stock were reappointed regular police officers. This department have cooperated with this board in the enforcement of the law and protection of property.

FINANCES

There has been a net decrease of the Town Debt for the fiscal year of \$13,200, as follows:

Notes and bonds paid in 1915	\$30,200 00
Less amount borrowed:	
Municipal Light loans	\$16,000 00
Water loan	1,000 00
	<u>17,000 00</u>
Net decrease	\$13,200 00
Town Debt Dec. 31, 1914	\$343,400 00
Town Debt Dec. 31, 1915	<u>330,200 00</u>
Net decrease	\$13,200 00

We will be compelled to raise by taxation for notes and bonds this year \$14,155, a decrease of \$2,445 over 1915:

Maturing in 1916	\$33,500 00
Less amount to be paid:	
By Water Department	\$3,000 00
By Mun. Light Department	10,800 00
From available revenue	<u>5,545 00</u>
	<u>19,345 00</u>
Amount to be raised	\$14,155 00
Amount raised by taxation in 1915	\$16,600 00
Amount to be raised in 1916	<u>14,155 00</u>
Decrease	\$2,445 00

FIRE DEPARTMENT

Orville O. Ordway, William R. Zwicker and Luke McKenney were appointed Engineers of the Fire Department. Considerable extra work has fallen upon Chief Ordway, owing to the acceptance by the Town of the Fire Prevention Act and thereby becoming a part of the Metropolitan Fire District.

OTHER APPOINTMENTS

Death has taken from our midst the following valuable and efficient Town Officers: Burial Agent, Ephraim Wight; Sealer of Weights and Measures, Frank W. Parker; member of Board of Appeal, Joseph S. Temple.

William H. Fish was appointed to fill the vacancy of Burial Agent.

Charles E. Mellen was appointed to fill the vacancy of Sealer of Weights and Measures.

Charles Van Stone was appointed to fill the vacancy in the Board of Appeal.

Henry M. Donegan	.	Superintendent of Moth Work
L. A. Deming	. . .	Superintendent of Town Home
Arthur G. Sias	. . . . .	Inspector of Wires
Robert E. Parker	. . . . .	Inspector of Buildings
Calvert H. Playdon	. . . . .	Inspector of Animals
Herbert E. McIntire	. . . . .	Forest Warden
Ward C. Mansfield		Workingmen's Compensation Agent
Jesse W. Morton	. . . . .	Town Counsel

RECOMMENDATIONS

That Main Street be macadamized from the Square to Washington Street.

That south side of Haven Street be macadamized from Linden Street to depot, and edgestones straightened and concrete sidewalks resurfaced.

That Main Street, at the curve near the Old South Church, be widened.

That the building of new concrete sidewalks be continued.

That the south side of Woburn Street be macadamized from Summer Avenue to West Street, and the north side from Berkeley Street to West Street.

That a portable stone crusher be provided for the use of the Highway Department.

CONCLUSION

This board extends its thanks to the different boards of the Town and Town Officers for their co-operation.

EDGAR O. DEWEY

EDWIN L. HUTCHINSON

OTIS B. RUGGLES

Selectmen of Reading.

REPORT OF THE OVERSEERS OF THE POOR

TO THE CITIZENS OF READING:

We herewith submit the following report for the year ended December 31, 1915:

L. A. Deming was reappointed Superintendent of the Town Home. Under his management, with the assistance of Mrs. Deming, the Home has been conducted in a satisfactory and economical manner and the inmates have been well cared for. The receipts of the Home have increased four hundred dollars over last year and the inventory also shows an increase. There are eight inmates at the Home. During the year four have been admitted, two of whom left the Home after receiving temporary aid, and there has been one death. A number of repairs have been made to the Home and the buildings are in good shape except the roof. It will be necessary to shingle it this year. This was recommended by the Overseers in 1911 but the recommendation was not carried out and it has been necessary to patch the roof in a number of places during the past year.

Assistance rendered the outside poor has been approximately the same as the last two years.

Aid rendered to mothers with dependent children, under the provisions of Chapter 763 of the Acts of 1913, has been the same as last year.

We would respectfully refer you to the Town Accountant's financial statement of this department.

EDGAR O. DEWEY

EDWIN L. HUTCHINSON

OTIS B. RUGGLES

Overseers of the Poor.

TREASURER'S REPORT

TO THE CITIZENS OF THE TOWN OF READING:

In accordance with the vote of the Town at the annual meeting in March, authorizing the Municipal Light Department to extend its lines both within and outside the town limits, I have issued notes for \$4,000 for extensions within the limits of the town. These bear interest at 4% per annum, were sold at par and are payable \$500 each year, 1916 to 1923 inclusive.

I have issued notes for \$12,000 for extensions outside the town limit. These bear interest at 4% per annum. They were sold at a premium of \$5.00 per \$1,000 and are due and payable \$800 each year, 1916 to 1930 inclusive.

I have sold one \$1,000-4% coupon bond, "Town of Reading Water Loan," at a premium of \$20.50. This falls due 1934.

The increase in expenses the current year, as you will note, has made a corresponding increase in the tax levy and in order to meet the expenses I have been obliged to increase the revenue loans and have issued notes in the amount of \$150,000. Of this amount, \$90,000 has been paid, leaving \$60,000 to be paid in 1916.

The average daily balance of revenue loans for the year was \$101,800 and the average rate of interest paid was 3.37%.

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, TOWN OF READING .
DECEMBER 31, 1915

WATER DEPARTMENT

DR.

1915

Jan. 1	To cash balance from Dec.	
	31, 1914	\$12.31
	To cash deposits by Water	
	Commissioners . . .	25,591 75
	To interest	35 97
		<hr/>
	Total	\$25,640 03

CR.

	By payments as per vouchers	\$25,477 41
Dec. 31	By balance cash on hand .	162 62
		<hr/>
	Total	\$25,640 03

WARD O. MANSFIELD, Treasurer.

TREASURER'S REPORT, TOWN OF READING
DECEMBER 31, 1915

MUNICIPAL LIGHT DEPARTMENT

DR.

1915

Jan. 1	To cash balance from Dec.		
	31, 1914	\$1,532 85	
	To cash deposits by Municipal		
	Light Board	83, 167 76	
	To interest	79 01	
		<u> </u>	
	Total		\$84,779 62

CR.

	By payments as per vouchers	\$82,072 01	
Dec. 31	By balance cash on hand	<u>2,707 61</u>	
	Total		\$84,779 62

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, CEMETERY BEQUEST FUND
DECEMBER 31, 1915

DR.

1915

Jan. 1	To cash balance from Dec. 31,		
	1914	\$770 64	
	To cash payment of bonds and		
	notes	4,000 00	
	To cash sundry bequests .	815 15	
	To interest	817 31	
		<hr/>	
	Total		\$6,403 10

CR.

	By payment care of lots .	\$746 25	
	By investment	4,000 00	
Dec. 31	By balance cash on deposit in		
	Mechanics Savings Bank	1,656 85	
		<hr/>	
	Total		\$6,403 10

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, PUBLIC LIBRARY BEQUEST
DECEMBER 31, 1915

DR.

1915

Jan. 1	To cash balance from Dec. 31, 1914	\$282 43	
	To interest	<u>11 40</u>	
	Total		\$293 83

CR.

Dec. 31	By balance cash on deposit Mechanics Savings Bank	\$293 83
---------	--	----------

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, GEORGE F. BUCK TRUSTEE
FUND, DECEMBER 31, 1915

DR.

1915

Jan. 1	To cash balance from Dec.		
	31, 1914	\$200 00	
	To interest	8 00	
		<hr/>	
	Total		\$208 00

CR.

Dec. 31	By balance cash on deposit in Mechanics Savings Bank	\$208 00
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WARD C. MANSFIELD, Treasurer.

DR.

TREASURER'S REPORT

1915			
Jan. 1.	To cash balance from Dec 31, 1914		\$3,388 02
"	H. M. Viall, Collector, Tax 1912.....	\$399 63	
"	H. M. Viall, Collector, Tax 1913.....	8,253 94	
"	H. M. Viall, Collector, Tax 1914	39,947 65	
"	H. M. Viall, Collector, Tax 1915.....	112,829 07	
"	H. M. Viall, Collector, Excise Tax	2,708 41	
"	H. M. Viall, Collector, Interest.....	2,396 95	
"	H. M. Viall, Coll., redemption of property taken ..	723 23	
"	H. M. Viall, Collector, certificates of taxes..	10 00	
"	H. M. Viall, Collector, return postage.....	4 34	
"	H. M. Viall, Collector, taxes paid after abatement ..	4 38	
"	Refund overpayment acct. property taken	1 00	
"	Commonwealth of Mass., Lowell St. macadam. ...	2,816 67	
"	Commonwealth of Mass., So. Main St.....	1,079 12	
"	Commonwealth of Mass., corporation tax.....	6,047 46	
"	Commonwealth of Mass., Moth Acct.....	32 23	
"	Commonwealth of Mass., Poor Acct.....	203 21	
"	Chapter 763, Acts 1913	1,206 33	
"	Revenue Loans.....	150,000 00	
"	Water Department, bond payment.....	3,000 00	
"	School Department, tuition	2,677 35	
"	School Department, Agricultural Division.....	770 00	
"	School Department, sundry items	81 45	
"	Public Library, dog tax, fines, etc.	746 95	
"	Cemetery Department, labor, etc.....	748 25	
"	Cemetery Account, sale lots and graves.....	710 00	
"	Cemetery Account, interest	170 39	
"	Middlesex Co., Lowell St.	2,666 66	
"	Highway Department, Lowell St.....	18 13	
"	Highway Department, sundry items	212 02	
"	Moth Department, private work	1,028 90	
"	Police Department, court fines, etc.....	112 00	
"	Forest Warden Department, telephone tolls, etc....	3 88	
"	Tree Warden Department, labor	5 25	
"	Fire Dept., material sold, telephone tolls, etc.	38 40	
"	Poor Department, Town of Norfolk.....	133 50	
"	Poor Department, Town of Methuen.....	194 97	
"	Town Home, sale of produce, telephone tolls, etc..	642 90	
"	Interest, National Bank deposits, etc.....	421 11	
"	Bay State St. Ry., 1914 acct.	220 61	
"	Bay State St. Ry., grading	1,027 13	
"	Assessors' Expenses.....	6 25	
"	Building Inspector, refund expense, etc.....	63	
"	Insurance, refund	7 03	
"	Soldiers' Relief	8 00	
"	Sealer of Weights and Measures	21 21	
"	Licenses and Permits.....	115 00	
"	Treasurer's Incidentals, refund revenue stamps ..	18 00	
"	Sundry acct.....	2,600 00	
	Total receipts		347,064 69
	Total cash		\$350,452 71

TOWN OF READING, DEC. 31, 1915

OR.

1915	By discount Revenue Loans	\$3,401 48	
	By payments as per vouchers.....	344,484 62	
Dec. 31	By balance cash on hand.....	2,566 61	

	Total... ..		\$350,452 71

WARD C. MANSFIELD, Treasurer.

Annual Report

OF THE

TOWN OF READING

SELECTMEN'S OFFICE,

Reading, Jan. 1, 1916.

TO THE HONORABLE BOARD OF SELECTMEN:

The undersigned herewith presents the annual statement of the receipts and expenditures of the Town of Reading for the financial year ending December 31, 1915, together with such other information relating to the fiscal interests of the Town as may be of general interest. The last part of this report is devoted to an exhibit of the receipts and payments of the Town, arranged and classified as prescribed by the Bureau of Statistics, Schedule A, for the fiscal year ending December 31, 1915.

Respectfully submitted

JOHN H. SHELDON

Town Accountant.

REPORT OF TOWN ACCOUNTANT FOR FINANCIAL
YEAR ENDING DEC. 31, 1915

RECEIPT FROM ALL SOURCES DURING THE YEAR

Municipal Light Department . . .	\$83,246 77	
Water Department . . .	25,627 72	
General Accounts . . .	355,774 38	
Cash on hand beginning of year:		
Municipal Light . . .	1,532 85	
Water Department . . .	12 31	
General Cash . . .	3,388 02	
	<hr style="width: 100px; display: inline-block; vertical-align: middle;"/>	\$469,582 05

PAYMENTS FOR YEAR

Municipal Light . . .	\$82,072 01	
Water Department . . .	25,477 41	
General Accounts . . .	356,595 79	
Cash on hand Dec. 31, 1915:		
Municipal Light . . .	2,707 61	
Water Department . . .	162 62	
General Cash . . .	2,566 61	
	<hr style="width: 100px; display: inline-block; vertical-align: middle;"/>	\$469,582 05

TOWN DEBT

The total indebtedness of the Town

Jan. 1, 1915 \$343,400 00

This has been increased during the
year by the issue of bonds and
notes as follows:

Municipal Light loan	\$16,000 00	
Water loan	1,000 00	
	<hr/>	17,000 00
		<hr/>
		\$360,400 00

There has been a decrease by the
payment of the following bonds
and notes:

Water Bonds	\$8,000 00	
Municipal Light	9,500 00	
Highland School Building	3,000 00	
High School Building	5,000 00	
Lowell Street School Building . .	1,000 00	
Current Expense Bonds	1,200 00	
Grouard Estate	1,000 00	
Auto Chemical Truck	1,500 00	
	<hr/>	30,200 00
		<hr/>
Total indebtedness Dec. 31, 1915		\$330,200 00

SUMMARY OF TOWN DEBT

1915	1916	DECREASE
\$343,400 00	\$330,200 00	\$13,200 00

The following is a statement of the total debt of the Town, with the rate of interest thereon:

MUNICIPAL LIGHT LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 and 4 1-2%	1916	\$10,800 00	
4 and 4 1-2%	1917	10,800 00	
4 and 4 1-2%	1918	10,800 00	
4 and 4 1-2%	1919	10,800 00	
4 and 4 1-2%	1920	10,800 00	
4 and 4 1-2%	1921	10,800 00	
4 and 4 1-2%	1922	8,300 00	
4 and 4 1-2%	1923	6,300 00	
4 and 4 1-2%	1924	6,300 00	
4 1-2%	1925	4,300 00	
4 1-2%	1926	3,300 00	
4 1-2%.	1927	3,300 00	
4 1-2%	1928	3,300 00	
4 1-2%	1929	3,300 00	
4 1-2%	1930	3,300 00	
4 1-2%	1931	2,000 00	
4 1-2%	1932	2,000 00	
4 1-2%	1933	1,000 00	\$112,500 00

HIGH SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
3 1-2 and 4%	1916	\$5,000 00	
3 1-2 and 4%	1917	4,000 00	
3 1-2%	1918	4,000 00	
3 1-2%	1919	4,000 00	
3 1-2%	1920	4,000 00	
3 1-2%	1921	4,000 00	
3 1-2%	1922	4,000 00	
3 1-2%	1923	4,000 00	
3 1-2%	1924	4,000 00	
3 1-2%	1925	4,000 00	\$41,000 00

LOWELL STREET SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1916	\$1,000 00	\$1,000 00

WATER LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1916	\$13,000 00	
4 %	1917	13,000 00	
4 %	1918	13,000 00	
4 %	1919	13,000 00	
4 %	1920	13,000 00	
4 %	1921	13,000 00	
4 %	1922	13,000 00	
4 %	1923	11,000 00	
4 %	1924	11,000 00	
4 %	1925	11,000 00	
4 %	1926	6,000 00	
4 %	1927	6,000 00	
4 %	1928	6,000 00	
4 %	1929	6,000 00	
4 %	1930	6,000 00	
4 %	1931	1,000 00	
4 %	1932	1,000 00	
4 %	1933	1,000 00	
4 %	1934	1,000 00	\$158,000 00

GROUARD ESTATE LOAN

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1916	\$1,000 00	
4 %	1917	1,000 00	
4 %	1918	1,000 00	
4 %	1919	1,000 00	
4 %	1920	1,000 00	
4 %	1921	1,000 00	\$6,000 00

AUTO CHEMICAL TRUCK

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 1-2 %	1916	\$1,500 00	
4 1-2 %	1917	1,500 00	
4 1-2 %	1918	1,500 00	\$4,500 00

CEMETERY AND LIBRARY BEQUESTS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1916	\$1,200 00	
4 %	1917	1,200 00	
4 %	1918	1,200 00	
4 %	1919	1,200 00	
4 %	1920	1,200 00	
4 %	1921	1,200 00	\$7,200 00
Total Indebtedness December 31, 1915			\$330,200 00

TEMPORARY LOANS

Balance from 1914	\$57,000 00
-----------------------------	-------------

BORROWED IN 1915

Estabrook & Co., 3.29%, due Oct. 6, 1915	\$30,000 00	
Estabrook & Co., 3.29%, due Nov. 10, 1915	30,000 00	
Estabrook & Co., 3.29%, due Dec. 15, 1915	30,000 00	
F. S. Mosley, 3.61%, due April 12, 1916	30,000 00	
C. D. Parker & Co., 3.44%, due April 5, 1916	30,000 00	
	<hr/>	150,000 00
		<hr/>
		\$207,000 00

PAID IN 1915

C. D. Parker & Co., 3.19%, due April 15, 1915	\$25,000 00	
C. D. Parker & Co., 4.08%, due April 22, 1915	30,000 00	
Cemetery Bequest Fund, 5%, due July 15, 1915	2,000 00	
Estabrook & Co., 3.29%, due Oct. 6, 1915	30,000 00	
Estabrook & Co., 3.29%, due Nov. 10, 1915	30,000 00	
Estabrook & Co., 3.29%, due Dec. 15, 1915	30,000 00	
	<hr/>	147,000 00
		<hr/>
Total outstanding temporary loans		\$60,000 00

TEMPORARY LOANS OUTSTANDING

O. D. Parker & Co., 3.44%, due		
April 5, 1916	\$30,000 00	
F. S. Mosley, 3.61%, due April		
12, 1916	30,000 00	
	<hr/>	\$60,000 00

TOWN DEBT DECEMBER 31, 1915

DUE IN 1916		NOTES AND BONDS		
Mar. 27	\$1,000	3 1-2%	Municipal Light	\$112,500 00
Apr. 16	1,500	4 1-4%	Municipal Light	
May 15	800	4%	Municipal Light	
July 15	2,500	4%	Municipal Light	
Sept. 15	500	4 1-2%	Municipal Light	
Oct. 1	3,000	4%	Municipal Light	
Oct. 15	1,500	4 1-4%	Municipal Light	158,000 00
June 1	13,000	4%	Water Loans	
Nov. 1	4,000	3 1-2%	High School Bldg. }	41,000 00
Dec. 21	1,000	3 1-2%	High School Bldg. }	
Sep. 27	1,000	4%	Lowell St. School Bldg.	1,000 00
July 21	1,000	4%	Grouard Estate	6,000 00
July 15	1,500	4 1-4%	Auto Chemical Truck	4,500 00
Apr. 15	1,200	4%	Current Expense Bonds	7,200 00
	<hr/>			
	\$33,500			\$330,200 00

FINANCES

The assessed valuation of the Town April 1,
1915, was :

Real Estate	\$6,492,475 00
Personal Estate	1,413,023 00

Total valuation	<u>\$7,905,498 00</u>
-------------------------	-----------------------

Assessed at \$20.50 per \$1,000	
gives	\$162,066 92
2043 Polls at \$2.00	4,086 00
	<u>\$166,152 92</u>

This tax is divided as follows
for Town purpose :

Maturing indebtedness	\$16,600 00
Interest on indebtedness	3,500 00
General Government	11,670 00
Election and Registration	730 00
Protection to Persons and Property	22,022 58
Inspection	700 00
Health and Sanitation	1,820 00
Highways, Bridges and Side- walks, including Street Lighting, \$11,000	33,116 67
Charities	4,700 00
Soldiers' Relief	750 00
Education	47,000 00
Public Library	2,325 00
Recreation and Celebrations	842 00
Cemeteries	1,200 00
	<u>\$146,976 25</u>
Less Corporation Tax	6,400 00
Total for Town purposes	<u>\$140,576 25</u>

State Tax	\$14,527 50	
County Tax	7,553 19	
Highway Tax	1,263 52	
Wellington Bridge . .	196 53	
Overlay	2,035 93	
	<hr/>	\$166,152 92

Dec. supplementary, additional property :

Personal property	89,100 00	
Real Estate	4,925 00	
	<hr/>	\$94,025 00

Assessed at \$20.50 . . .	\$1,927 51	
Nine additional Polls . . .	18 00	
	<hr/>	

Amount credited to Excess
and Deficiency Account,
available in 1916 . . . \$1,945 51

The valuations of estates in this Town for the year mentioned in the preceding table are the figures originally made by the Board of Assessors on April 1 of each respective year.

The valuations are subject to changes in each year by additional taxable property being found.

Net valuation of estates in the Town of Reading for the past three years, including all supplementary warrants and deducting all abatements :

YEAR	TOTAL VALUATION	ABATEMENT	NET VALUATION
1913	\$7,190,063 00	\$21,190 00	\$7,168,873 00
1914	7,576,560 00	31,925 00	7,544,635 00
1915	8,099,523 00	17,655 00	8,081,868 00
	<hr/>	<hr/>	<hr/>
	\$22,866,146 00	\$70,770 00	\$22,795,376 00

BORROWING CAPACITY

The average net valuation of the Town of
Reading for 1913, 1914, 1915 . . . \$7,598,459 00

The indebtedness of towns is limited by
Chapter 719 of the Acts of 1913, Section
12, to 3% of the average valuation for
the preceding three years, the valuation
being first reduced by the amount of all
abatements thereon previous to the 31st
day of December of each year:

Three per cent. is . . . \$227,954 00

Total Town Debt is . . . 330,200 00

Of this amount the following loans
are not included in the debt
limit, being exempt by Acts
of the Legislature:

Water loans . . . \$158,000 00

Electric Light loans 112,500 00

\$270,500 00

Net Municipal Debt Dec. 31, 1915 59,700 00

Borrowing capacity Jan. 1, 1916 \$168,254 00

TRUST FUNDS

Balance from 1915 . . . \$16,045 95

RECEIVED IN 1915

Helen Gilman . . . 50 00

Nathan D. Pratt . . . 100 00

Abigail T. Rich . . . 100 00

William Barbour . . . 75 00

Hollis A. Merrill and Herbert W. Bancroft . 100 00

Mary E. Pratt . . . 15 15

Wm. Wallace Davis Estate . . . 200 00

Charles H. Danforth . . . 100 00

John M. Bancroft . . . 75 00

\$16,861 10

Interest accrued on the above unexpended 1,089 08

\$17,950 18

CEMETERY BEQUEST FUND

The Treasurer, Cemetery Trustees and Selectmen, acting as Trustees of the Cemetery Fund, held on Dec. 31, 1915, cash and securities amounting to			\$17,950 18
Balance from 1914		\$17,059 39	
Received from bequests	\$815 15		
Received from interest	821 89		
		<hr/>	
		\$1,637 04	
Less interest paid for perpetual care	746 25		
		<hr/>	
		890 79	
		<hr/>	
			\$17,950 18

This Fund is invested as follows:

Town of Reading Electric Light, Wilmington Extension, 4%, interest payable Jan. and July	\$12,000 00	
Town of Reading Electric Light, Construction within the Town limits, 4%	4,000 00	
Accrued interest to Dec. 31, 1915	293 33	
Cash in Mechanics Savings Bank	1,656 85	
	<hr/>	\$17,950 18

LIBRARY BEQUEST FUND

The Treasurer and Trustees of the Public Library held on Dec. 31, 1915			\$293 83
This amount is invested as follows:			
Cash held by Treas. Mechanics Saving Bank		\$293 83	

GEORGE F. BUCK TRUSTEE FUND

The Treasurer and Trustees of the Cemetery held on Dec. 31, 1915			\$208 00
--	--	--	----------

This amount is invested as follows:

Cash held by Treas. in Mechanics Savings Bank \$208 00

CASH HELD BY THE TREASURER

Cemetery Bequest Fund . . .	\$1,656 85	
Library Bequest Fund . . .	293 83	
George F. Buck Trustee Fund . .	208 00	
	<hr/>	\$2,158 68

TAXES

The taxes committed, abated and collected during the fiscal year, together with the balance unpaid Dec. 31, 1914, and Dec. 31, 1915, are as follows:

TAXES, 1912

Balance from 1914 . . .	\$455 54	
Collected . . .		\$399 63
Abated . . .		55 91
	<hr/>	<hr/>
	\$455 54	\$455 54

TAXES, 1913

Balance from 1914 . . .		\$9,953 37
Collected . . .	\$8,153 69	
Abated . . .	406 73	
	<hr/>	<hr/>
		\$8,560 42
		<hr/>
		\$1,392 95

TAXES, 1914

Balance from 1914 . . .	\$51,711 22
Additional . . .	19 67
	<hr/>
	\$51,730 89

104

Collected . . .	\$39,491 65	
Abated . . .	317 32	
	<u> </u>	\$39,808 97
		<u> </u> \$11,921 92

TAXES, 1915

Amount assessed . . .		\$166,152 92
December Supplementary		1,945 51
Collected in excess (to be refunded) . . .		4 00
		<u> </u>
		\$168,102 43
Collected . . .	\$112,024 07	
Abated . . .	455 17	
	<u> </u>	\$112,479 24
		<u> </u> \$55,623 19
Total uncollected Taxes Dec. 31, 1915		<u> </u> \$68,938 06

SPECIAL ASSESSMENTS

MOTH, 1912

Balance from 1914 . . .	\$2 07	
Abated . . .		\$2 07

MOTH, 1913

Balance from 1914 . . .		\$116 25
Collected . . .	\$100 25	
Abated . . .	50	
	<u> </u>	\$100 75
		<u> </u> \$15 50

MOTH, 1914

Balance from 1914 . . .		\$576 50
Collected . . .	456 00	
	<u> </u>	\$120 50

MOTH, 1915

Amount assessed	.	.		\$1,464 50	
Collected	.	.	.	\$805 00	
Abated	.	.	.	50	
				<u> </u>	
				\$805 50	
				<u> </u>	\$659 00
					<u> </u>

Total uncollected Moth Assessment Dec.
 31, 1915 \$795 00

ASSETS

TRUST FUNDS AND INVESTMENTS

Cemetery Bequest

Wilmington Extension Bonds, Town of Reading, 4%	\$12,000 00
Mun. Light Ext., within Town limits, Notes, 4%	4,000 00
Accrued Interest to Dec. 31, 1915	293 33
Cash in Mechanics Savings Bank	1,656 85
Library Fund—Cash held by Treasurer	293 83
George F. Buck Trustee Fund—Cash held by Treasurer	208 00
	<hr/>
	\$18,452 01

CAPITAL ASSETS

Public Property	\$931,651 44
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ASSETS AND LIABILITIES FROM

ASSETS

Cash held by Treasurer	\$2,566 61
Collector Taxes, 1913	1,392 95
Collector Taxes, 1914	11,921 92
Collector Taxes, 1915	55,623 19
Collector Moth Assessment, 1913	15 50
Collector Moth Assessment, 1914	120 50
Collector Moth Assessment, 1915	659 00
Sundry parties, spraying	931 00
Taxes on property taken	457 97
Water Department, insurance	106 60
Moth Department, Commonwealth of Mass.	2,283 73
Fire Department, new hose	588 00
Commonwealth of Mass., Mothers with Dependent Children	1,317 95
City of Somerville, Mothers with Dependent Children	335 35
Town of Wakefield, Mothers with Dependent Children	4 67
City of Springfield, Mothers with Dependent Children	32 00
Commonwealth of Mass., Temporary Aid	513 73
Town of Norfolk, Temporary Aid	27 78
Town of Methuen, Temporary Aid	18 00
City of Boston, Temporary Aid	19 55
Commonwealth of Mass., Burial of Soldiers	194 00
Commonwealth of Mass., State Aid	1,934 00
	<hr/>
	\$81,064 00

LIABILITIES

TRUST FUNDS

Cemetery Bequests	\$17,950 18
Library Bequests	293 83
George F. Buck, Trustee Fund	208 00
	<hr/>
	\$18,452 01

CAPITAL LIABILITIES

Town Debt	\$330,200 00
Balance, Town of Reading	601,451 44
	<hr/>
	\$931,651 44

APPROPRIATIONS, DECEMBER 31, 1915

LIABILITIES

Temporary loans	\$60,000 00
Overlays, 1912	528 86
Overlays, 1913	3,167 17
Overlays, 1914	3,385 83
Overlays, 1915	1,580 76
Cemetery Special, sale of lots and graves	4,730 84
Suspense (assessments unpaid)	1,726 00
Reserve Fund	166 64
Survey Block System	116 06
Concrete Sidewalks	96 95
Woodward Avenue	58 50
Hill Crest Road	80 25
Excess and Deficiency (excess revenue)	5,426 14

\$81,064 00

APPROPRIATIONS AND EXPENDITURES

Detailed account of the appropriations made by the Town during the year, together with the transfers, the expenditures and the unexpended balance Dec. 31, 1915.

GENERAL GOVERNMENT

LEGISLATIVE

MODERATOR :

Appropriation	\$35 00
Transferred from Excess and Deficiency Account	15 00
	<hr/> \$50 00

EXPENDED

George L. Flint, Moderator	\$35 00
Jesse W. Morton	15 00
	<hr/> \$50 00

EXECUTIVE

SELECTMEN'S SALARIES

Appropriation	\$500 00
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EXPENDED

Edgar O. Dewey, Chairman	\$191 67
Edwin L. Hutchinson	150 00
Otis B. Ruggles	158 33
	<hr/> \$500 00

OTHER EXPENSES

Appropriation	\$200 00
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EXPENDED

Telephone	\$44 01
Office supplies	24 46

Postage	22 36
Printing	28 75
Rent of post office box	3 00
Directory	3 50
Examination State Aid	5 00
Express	26
Auto hire	4 00

\$135 34

Transferred to Excess and De-
ficiency Account

64 66

\$200 00

FINANCIAL

TOWN ACCOUNTANT:

Appropriation \$750 00

EXPENDED

John H. Sheldon, Accountant . . . \$750 00

TREASURER:

Appropriation \$600 00

EXPENDED

Ward C. Mansfield, Treasurer . . . \$600 00

OTHER EXPENSES

Appropriation \$235 00

RECEIVED

Refund, revenue stamps 18 00

\$253 00

EXPENDED

Government envelopes	\$86 48
Treasurer's bond	60 00
Certification of notes	30 00
Revenue stamps	18 00
Supplies	7 35
Express	22
Protectograph	34 30

\$236 35

Transferred to Excess and De-	
ficiency Account	\$16 65
	<hr/>
	\$253 00

TAX COLLECTOR, SALARY:

Appropriation	\$1,200 00
Transferred from Excess and De-	
ficiency Account	48 93
	<hr/>
	\$1,248 93

EXPENDED

Herbert M. Viall, Collector, 3-4 of 1%	
total collection	\$1,248 93

OTHER EXPENSES

Appropriation	\$175 00
Receipts from postage	4 34
Transferred from Excess and De-	
ficiency Account	7 42
	<hr/>
	\$186 76

EXPENDED

Printing	\$69 20
Postage	70 21
Record book	21 00
Office supplies	26 35
	<hr/>
	\$186 76

UNPAID BILLS

M. F. Charles, supplies	50
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ASSESSORS' SALARIES:

Appropriation	\$1,150 00
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EXPENDED

Millard F. Charles	\$383 33
Ardine M. Allen	383 34
George E. Horrocks	383 33
	<hr/>
	\$1,150 00

OTHER EXPENSES

Appropriation	\$500 00
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RECEIPTS

Refund W. E. & J. F. Twombly	6 25
--	------

	\$506 25
--	----------

EXPENDED

Information, Stockholders	\$14 00
Information, Foreign Stockholders	35 00
List of Stockholders	12 00
C. W. Smith, abstracting	52 50
Street List	204 00
Auto hire	8 35
Printing	15 00
Supplies	23 02
Millard F. Charles, expenses	4 81
George E. Horrocks, expenses	8 78

	\$377 46
--	----------

Transferred to Excess and Defi-	
ciency Account	128 79

	\$506 25
--	----------

TOWN CLERK:

Appropriation	\$150 00
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EXPENDED

Millard F. Charles, Town Clerk	\$150 00
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OTHER EXPENSES

Appropriation	\$275 00
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EXPENDED

Recording births	\$59 00
Recording deaths	22 20
Recording marriages	15 80
Reporting deaths	5 25
Reporting births	23 25
Mortgage book	15 50

Record book	\$6 00
Administering and recording oaths .	14 00
Printing	18 24
Postage	11 60
Supplies	40 23
Express	25

 \$231 32

Transferred to Excess and Deficiency Account

 43 68

 \$275 00

UNPAID BILLS

Dr. Geo. F. Dow, reporting births .	\$7 50
Edgerley & Bessom, reporting deaths .	14 75
Doherty Bros., reporting deaths . .	3 00

 \$25 25

OTHER GENERAL ACCOUNTS

BLOCK SYSTEM SURVEY

Appropriation	\$500 00
Balance from 1914	327 86

 \$827 86

EXPENDED

C. E. Carter, survey and plans . . .	\$711 80
Balance to 1916	116 06

 \$827 86

MISCELLANEOUS EXPENSES

Balance from 1914	\$501 90
Appropriation	1,200 00

 \$1,701 90

EXPENDED

Sewer Committee, McClintock & Wordfall	\$489 00
Care of Old South Clock, 1914 and 1915	100 00
Lighting Old South Clock	101 10

Moth Department, telephone . . .	\$18 97
Moving watering trough . . .	25 00
Printing town reports . . .	650 00
Printing building laws . . .	46 50
Printing Finance Committee's Report	30 00
Salary, Sec'y Finance Committee .	50 00
Expenses, Sec'y Finance Committee .	5 25
Bacon & Mudge, reporting Lowell St.	
Bridge	63 86
Solon Bancroft, services, Lowell St.	
Bridge	15 00
Repairing flag pole	30 00
Incidentals	64 10

\$1,688 78

Transferred to Excess and Defi-
ciency account

13 12

\$1,701 90

SALARY TOWN COUNSEL

Appropriation	\$500 00
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EXPENDED

Jesse W. Morton, Town Counsel . . .	\$500 00
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TOWN BUILDING

Appropriation	\$850 00
Balance from 1914	345 00

\$1,195 00

EXPENDED

Repairs, Fire Station doors . . .	\$345 00
General repairs	35 08
Fuel	197 39
Lighting	179 26
New heater, T. O. Fife	223 00
New cesspool, E. C. Hanscom . . .	30 00
Cleaning cesspools	16 00
Express	40

Supplies	\$7 78
Incidentals	2 00

 \$1,035 91

Transferred to Excess and Defi- ciency Account	159 09
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 \$1,195 00

LIGHTING G. A. R. HALL

Appropriation	\$50 00
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EXPENDED

For lighting	\$50 00
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INSURANCE

Appropriation	\$2,100 00
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RECEIVED

Refund, Prentiss & Viall	7 08
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 \$2,107 08

EXPENDED

Walter K. Badger, premiums . . .	\$772 65
Wm. H. Wightman & Co., premiums .	27 98
George E. Horrocks, premiums . .	454 41
Prentiss & Viall, premiums . . .	541 57
Lewis M. Bancroft, premiums . . .	62 57
Harry P. Bosson, premiums . . .	107 10

 \$1,966 28

Transferred to Excess and Defi- ciency Account	140 80
---	--------

 \$2,107 08

CERTIFICATION OF TAXES

RECEIVED

From sundry parties	\$10 00
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EXPENDED

Refund	\$3 00
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Transferred to Excess and Defi- ciency Account	7 00
---	------

 \$10 00

EXCESS AND DEFICIENCY ACCOUNT

Balance from 1914	\$1,217 37
Certification of Taxes	7 00
Licenses and Permits	115 00
Corporation Taxes	2,218 45
National Bank Tax	255 10
Selectmen's Expenses	64 66
Town Treasurer's Expenses	16 65
Assessors' Expenses	128 79
Town Clerk's Expenses	43 68
Miscellaneous Expenses	13 12
Town Building	159 09
Insurance	140 80
Police Department	44 29
Fire Department	275 83
Repairs Fire Alarm	6 23
Forest Warden	136 57
Tree Warden	2 60
Sealer of Weights and Measures	70 70
Inspector of Buildings' Expenses	21 54
Highway Maintenance	95 44
Snow and Ice	41 59
Lowell Street Macadam	6 63
Haverhill Street	7 77
Street Watering	230 15
Oiling Streets	177 97
Sidewalk, Stoneham line	53 75
Minot Street Drain	14 40
Pratt Street	60
Soldiers' Relief	39 40
School Department	05
New Typewriters	95
Improvement of Grounds	12 59
Tuition, Industrial Schools	29 50
Public Library	590 04
Care of Common	30 45
Laurel Hill Cemetery	67 04

Echo Avenue	\$2 30	
Fairview Avenue	6 30	
Mothers with Dependent Children .	356 01	
Lowell Street Macadam, 1914 . .	76 23	
December Supplementary Assessment	1,949 51	
For Maturing Notes	\$1,100 00	
Library Committee, Expenses . .	57 65	
Interest Account	160 26	
Moderator	15 00	
Tax Collector's Salary	48 93	
Tax Collector's Expenses	7 42	
Election Expenses	68	
Health Department	714 96	
Sidewalk Main to Hopkins St. . .	24 50	
Fire Alarm Schoolhouse Boxes . .	1 00	
Poor Department	1,169 60	
	<hr/>	
	\$3,300 00	
Unexpended (surplus)	5,426 14	
	<hr/>	
	\$8,726 14	\$8,726 14

LIBRARY COMMITTEE

From Excess and Deficiency Account .	\$57 65
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EXPENDED

Clarence E. Carter, levels and measurements	6 85	
Suffolk Engraving & Electro Co. Account	10 80	
W. E. & J. F. Twombly, printing . .	40 00	
	<hr/>	
		57 65

LICENSES AND PERMITS

Junk and Auctioneers' licences . . .	\$115 00
Transferred to Excess and Deficiency Account	\$115 00

OVERLAY ACCOUNT, 1912

Balance from 1914		\$582 59
-------------------	---	---	---	---	--	----------

RECEIVED

Additional	2 18
------------	---	---	---	---	---	------

 \$584 77

Abatements	\$55 91
------------	---	---	---	---	---	---------

Balance to 1916	528 86
-----------------	---	---	---	---	---	--------

 \$584 77

OVERLAYS, 1913

Balance from 1914		\$3,571 70
-------------------	---	---	---	---	--	------------

RECEIVED

Additional	2 20
------------	---	---	---	---	---	------

 \$3,573 90

Abatements	\$406 73
------------	---	---	---	---	---	----------

Balance to 1916	3,167 17
-----------------	---	---	---	---	---	----------

 \$3,573 90

OVERLAYS, 1914

Balance from 1914		\$3,687 32
-------------------	---	---	---	---	--	------------

RECEIVED

Additional	19 67
------------	---	---	---	---	---	-------

 \$3,706 99

EXPENDED

Refunded after abatement		\$3 84
--------------------------	---	---	---	---	--	--------

Abatement	317 32
-----------	---	---	---	---	---	--------

Balance to 1916	3,385 83
-----------------	---	---	---	---	---	----------

 \$3,706 99

OVERLAYS, 1915

Assessed	\$2,035 93
----------	---	---	---	---	---	------------

Abatement	\$455 17
-----------	---	---	---	---	---	----------

Balance to 1916	1,580 76
-----------------	---	---	---	---	---	----------

 \$2,035 93

CEMETERY SPECIAL

SALE OF LOTS AND GRAVES

Balance from 1914	.	.	.	.	\$4,025 45
RECEIVED					
From sundry parties in 1915	.	.	.	.	710 00
From Interest on Fund	.	.	.	.	170 39
					<hr/>
					\$4,905 84
Transferred to Cemetery Account	.	.	.	\$175 00	
Balance to 1916	.	.	.	4,730 84	
					<hr/>
					\$4,905 84

ELECTION AND REGISTRATION

SALARY OF REGISTRARS

Appropriation	.	.	.	.	\$130 00
EXPENDED					
M. F. Charles, Clerk	.	.	.	.	\$40 00
Walter S. Prentiss	.	.	.	.	30 00
Arthur C. Copeland	.	.	.	.	30 00
Owen McKenney	.	.	.	.	30 00
					<hr/>
					\$130 00

ELECTION EXPENSES

Appropriation	.	.	.	.	\$600 00
Transferred from Excess and Deficiency Account	.	.	.	.	68
					<hr/>
					\$600 68

EXPENDED

Election Officers	.	.	.	.	\$200 00
Printing ballots, warrants, and incidentals	.	.	.	.	166 25
Rent of Hall	.	.	.	.	137 00
Taking down and putting up booths	.	.	.	.	20 00
Registrars, recount Tax Collector	.	.	.	.	23 00
Selectmen, services Primaries and Elections	.	.	.	.	15 00

Town Clerk's services	\$15 00	
A. M. Allen, services	20 00	
Lunches	4 43	
	<hr/>	\$600 68

TAXES ON PROPERTY TAKEN

Balance from 1914	\$617 79	
Paid H. M. Viall, Collector	564 41	
	<hr/>	\$1,182 20

RECEIVED

From sales, H. M. Viall, Collector	\$724 23	
Balance to 1916	457 97	
	<hr/>	\$1,182 20

PROTECTION TO PERSONS AND PROPERTY

POLICE DEPARTMENT

Appropriation	\$5,100 00
-------------------------	------------

RECEIVED

From Court Fines	112 00	
	<hr/>	\$5,212 00

EXPENDED

Wm. E. Swain, Chief	\$1,183 00	
Jeremiah Cullinane, Patrolman	1,092 00	
Oscar H. Low, Patrolman	1,093 50	
George Stock, Patrolman	1,095 00	
	<hr/>	\$4,463 50
Special Officers	362 30	
	<hr/>	\$4,825 80
Expenses W. E. Swain, meals and transportation of prisoners	\$18 16	
Auto hire	79 25	
Telephone and tolls	117 60	
Reward, Sylvester case	25 00	
Auto List	13 00	

Signs	\$49 15
Lanterns	5 00
Laundry	4 88
Professional services	6 00
Express	75
Printing	6 25
Police belts	1 65
Postage	2 05
Supplies	13 17

\$5,167 71

Balance to Excess and Defi-	
ciency Account	44 29
	<hr/>
	\$5,212 00

FIRE DEPARTMENT

Appropriation	\$6,475 00
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RECEIVED

From sundry sources	38 40
	<hr/>
	\$6,513 40

EXPENDED

O. O. Ordway, Chief	\$185 32
Luke McKenney, Engineer	118 70
W. R. Zwicker, Engineer and Clerk	143 70

\$447 72

Owen McKenney, Capt. Combination	10 00
E. H. Crowe, Capt. Ladder No. 1	10 00
Geo. F. Blanchard, Capt. Hose 1	10 00
O. H. Heselton, Capt. Hose 2	10 00
O. H. Heselton, Steward Hose 2	65 00

\$552 72

Pay roll call men, poll taxes	2,020 27
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\$2,572 99

Pay roll permanent man, H. L. Eames	\$980 00
Pay roll permanent man, Wm. F. O'Brien	832 00

\$4,384 99

Lighting	24 22
Water	37 55
Telephone	89 12
Supplies	197 71
Naphtha	55 73
Laundry	14 29
General repairs	149 60
Horse hire	600 00
Horse hire, fire alarms	39 50
Fuel	22 39
Express	20 12
Equipment	5 08
L. T. Eames, Supt. Fire Alarm	100 00
L. T. Eames, labor	82 95
Repairs to equipment	60 42
Fire alarm box	45 00
Lunches	13 16
Rubber boots	75 93
Gas	13 58
Wire	53 74
Nozzles	89 49
Couplings	63 00

\$6,237 57

Transferred to Excess and Deficiency Account	275 83
--	--------

\$6,513 40

UNPAID BILLS

Wendell Bancroft & Co., fuel	\$8 60
Municipal Light, lighting	2 52

\$11 12

NEW HOSE

EXPENDED

Boston Woven Hose Co.	.	.	.	\$294 00	
C. C. Hose & Rubber Co.	.	.	.	294 00	
				<hr/>	\$588 00
Balance to 1916	\$588 00

REPAIRS ON FIRE ALARM

Appropriation	\$450 00
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EXPENDED

Pay roll	\$66 00	
L. T. Eames, labor	98 68	
J. W. Poole, Inc., supplies and wire	185 38	
Horse hire	.	.	.	.	.	31 00	
Tape	.	.	.	.	.	10 78	
Supplies	.	.	.	.	.	44 71	
Repairs	.	.	.	.	.	7 22	
						<hr/>	\$443 77
Transferred to Excess and Deficiency Account	6 23	
						<hr/>	\$450 00

HYDRANT RENTALS

Appropriation	\$5,790 00
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EXPENDED

Reading Water Works	.	.	.	\$5,790 00
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MOTH DEPARTMENT

Appropriation	\$3,007 58
Received from assessments and Commonwealth of Mass.	\$2,422 43
					<hr/>
					\$5,430 01
Balance due from Commonwealth of Mass. Dec. 31, 1914	.	.	.	\$2,580 95	

EXPENDED

Henry M. Donegan, Supt.	\$1,000 00
Pay roll	3,839 96
Gasoline	52 36
Skale killer	57 36
Storing spraying machine, etc.	80 00
Government envelopes	21 00
Express	25 89
Printing	21 00
Repairs	23 62
Supplies	4 75
H. M. Donegan, expense	6 85

 \$7,713 74

Balance due from Commonwealth of
Mass. and Moth Assessments out-
standing

 2,283 73

 \$5,430 01

FOREST WARDEN

Appropriation	\$700 00
Receipts from telephone tolls	3 88

 \$703 88

EXPENDED

H. E. McIntire, Warden	\$20 00
Geo. F. Blanchard, Deputy Warden	15 00
Willard A. Bancroft, Deputy Warden	15 00
John N. Weston, Deputy Warden	15 00
A. E. Batchelder, Deputy Warden	15 00
W. A. Newhouse, Deputy Warden and Steward	25 00

 \$105 00

Pay roll, forest fires	\$327 15
Telephone	18 83
Printing	19 75
Repairs	11 30

Express	\$ 65
Supplies	18 95
Lunches	5 68
Care of wagon	45 00
Storing	15 00

\$567 31

Transferred to Excess and Deficiency Account	136 57
--	--------

\$703 88

TREE WARDEN

Appropriation	\$500 00
Received, sundry parties	5 25

\$505 25

Balance from 1914	\$4 68
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EXPENDED

Pay roll	\$490 53
Lantern and globes	2 94
Repairs	2 50
Printing	2 00

\$502 65

Transferred to Excess and Deficiency Account	2 60
--	------

\$505 25

FIRE ALARM BOXES, HIGH, HIGHLAND, CENTRE AND UNION STREET SCHOOL BUILDINGS

Transferred from Reserve Fund	\$300 00
Transferred from Excess and Deficiency Account	1 00

\$301 00

EXPENDED

Gamewell Fire Alarm Co., boxes	\$200 00
L. T. Eames, labor	46 25
Municipal Light Department, material	29 01

Fire Department, material . . .	\$20 79	
J. W. Poole, Inc., material . . .	4 95	
	<hr/>	\$301 00

INSPECTION

INSPECTOR OF WIRES

Appropriation	\$100 00	
Balance from 1914	25 00	
	<hr/>	\$125 00

EXPENDED

A. W. Sias, Inspector, balance salary		
1914	\$25 00	
A. W. Sias, Inspector, salary 1915 .	100 00	
	<hr/>	\$125 00

SEALER OF WEIGHTS AND MEASURES

Appropriation	\$250 00	
Received from sundry parties .	21 21	
	<hr/>	\$271 21

EXPENDED

F. W. Parker, salary to Sept. 1, 1915 .	\$66 67	
F. W. Parker, expenses to Worcester .	10 00	
Cabinet	10 00	
Printing	2 50	
Express	2 60	
Weights	105 63	
Supplies	3 11	
	<hr/>	\$200 51
Transferred to Excess and Deficiency Account . . .	70 70	
	<hr/>	\$271 21

UNPAID BILLS

C. E. Mellen, salary to Dec. 31, 1915 .	\$33 33
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INSPECTOR OF BUILDINGS' SALARY

Appropriation	\$300 00
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EXPENDED

Robert E. Parker, Inspector	\$300 00
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INSPECTOR OF BUILDINGS' EXPENSES

Appropriation	\$50 00
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Receipts, telephone tolls	63
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	\$50 63
--	---------

EXPENDED

Printing	\$17 15
--------------------	---------

Telephone	11 94
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	\$29 09
--	---------

Transferred to Excess and Defi-	
ciency Account	21 54

	\$50 63
--	---------

HEALTH AND SANITATION

HEALTH DEPARTMENT, SALARIES

Appropriation	\$250 00
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EXPENDED

Geo. L. Flint, Secretary	\$100 00
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E. M. Halligan, M. D.	75 00
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Dr. C. H. Playdon	75 00
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	\$250 00
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HEALTH DEPARTMENT MAINTENANCE

Appropriation	\$1,570 00
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Transferred from Excess and Defi-	
ciency Account	714 96

	\$2,284 96
--	------------

EXPENDED

David M. Taggart, Inspector of Plumb-	
ing	\$600 00

C. H. Playdon, Inspector of Animals	125 00
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J. H. Eames, Inspector of Slaughtering	\$150 00
Rent	100 08
Lighting	9 40
Telephone	22 84
Express	7 65
Ambulance	1 75
Disinfectants	64 02
Printing	27 00
Nursing	24 00
Professional services	1 00
General supplies and incidentals	49 63
Burying dog	1 00

CONTAGIOUS DISEASES

City of Melrose	\$53 29
City of Somerville	434 29
City of Malden	196 43
No. Reading Sanatorium	16 57
Edgerley & Bessom, burial	8 00
Doherty Bros., burial	70 00
Rent of house	15 00
Fuel	16 30
Groceries and provisions	85 31
Professional services	121 00
Ambulance	16 00
Nursing	60 00
Supplies	9 40

 \$2,284 96

UNPAID BILLS

Town of Saugus	32 86
Telephone	2 63
W. H. Willis, drugs	1 33
M. F. Charles, supplies	45
F. Wallace, supplies	70

 \$37 97

HIGHWAYS, BRIDGES AND SIDEWALKS

HIGHWAY DEPARTMENT MAINTENANCE

Appropriation	\$7,755 00
-----------------------	------------

RECEIVED

From Bay State Street Railway .	\$5,741 90
Refund Ford car	50 00
Town of Wilmington, use of roller	51 00
Town of No. Reading, use of roller	34 00
Sundry sources	39 02
	<hr/>
	\$13,670 92

TRANSFERRED

From Reserve Fund, for guard rails	182 13
	<hr/>
	\$13,853 05

EXPENDED

For Maintenance	\$1,589 60
-------------------------	------------

Pay roll:

Pearl Street	221 52
Franklin Street	360 77
Woburn Street	147 00
Berkley Street	355 00
Prescott Street	780 90
Grove Street	66 00
Perkins Avenue	168 00
Summer Avenue	936 00
Federal Street	274 00
Green Street	497 00
Repairs	660 00
Washouts	355 00
Gravel Sidewalks	395 00
Catch Basins	494 00

Ditching	\$435 00
Street Cleaning	2,298 00
	<hr/>
	\$10,032 79
Supt. E. H. Crowe, salary	1,001 00
	<hr/>
	\$11,033 79

\$4,885.40 of the above pay roll was for teams.

B. & M. R. R., repairs to tell tales	\$8 25
Repairs to road machines	75 90
Broken stone	78 45
Catch basin grates	66 35
Bound stones	32 50
Pipe	182 87
Tarvia	208 55
Repairs to roller	79 53
Coal and oil	87 54
Patching material	65 96
Repairs small tolls	62 98
Gravel	120 15
Auto	400 00
Maintenance of auto	217 82
Liability Insurance	265 08
Oil, kerosene	10 50
Surveys	61 64
Freight and express	65 46
Paint and oil	41 10
Lumber for bridges	97 59
Supplies	136 69
Incidentals	176 78
	<hr/>
	\$13,575 48

GUARD RAILS

EXPENDED

Pay roll	48 00
Paint and oil	28 53

Lumber	\$81 60	
H. R. Johnson, labor	24 00	
	<hr/>	
	\$13,757 61	
Balance to Excess and Deficiency Account	95 44	
	<hr/>	\$13,853 05

HIGHWAY DEPARTMENT

Balance due from 1914	\$258 61
---------------------------------	----------

RECEIVED

Bay State St. Ry.	220 61	
Town of Wilmington	17 00	
O. W. Austin	18 00	
G. A. Parker	3 00	
	<hr/>	\$258 61

SOUTH MAIN STREET MACADAM

Received from Commonwealth of	
Mass.	\$1,079 12

EXPENDED

To John Gaffey, contractor	1,079 12
--------------------------------------	----------

SNOW AND ICE

Appropriation	\$1000 00
-------------------------	-----------

EXPENDED

Pay roll	\$339 75	
Pay roll, teams	540 71	
Repairs	44 95	
Sand pails	3 00	
Sand	30 00	
	<hr/>	
	\$958 41	
Balance to Excess and Deficiency Account	41 59	
	<hr/>	\$1,000 00

LOWELL STREET MACADAM, 1913-1914 ACCOUNT

Balance from 1914	\$453 23
---------------------------	----------

RECEIVED

From Bay State Street Railway . .	1,027 13
	<hr/>
	\$1,480 36

EXPENDED

Bay State Street Railway	\$1,027 13
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TRANSFERRED

To Lowell Street, Wilmington Division, 1915	\$147 53
To Lowell Street, Special	229 47
To Excess and Deficiency Account	76 23
	<hr/>
	\$1,480 36

COMMONWEALTH OF MASSACHUSETTS

Balance from 1914	\$150 00
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RECEIVED

From The Commonwealth of Massa- chusetts	150 00
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LOWELL STREET, SPECIAL ACCOUNT 1914

Balance from 1914	\$229 47
-----------------------------	----------

TRANSFERRED

From Lowell Street, 1914	229 47
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LOWELL STREET MACADAM, EAST

Appropriation	\$2,000 00
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RECEIVED

From Commonwealth of Mass. . . .	2,000 00
From Middlesex County	2,000 00
Refund Barrett Co.	18 13
	<hr/>
	\$6,018 13

EXPENDED

Pay roll	\$3,106 40
Stone	897 21
Freight	818 78
Tarvia	833 00
Coal and oil	56 97
Drain pipe	142 29
Cement	12 90
Grade stakes	4 25
Gravel	109 45
Repairs	36 15

 \$6,017 40

Balance to Excess and Deficiency

Account 73

 \$6,018 13

LOWELL STREET MACADAM, WEST

Appropriation \$666 67

RECEIVED

From Commonwealth of Mass. . . .	666 67
From Middlesex County	666 66

 \$2,000 00

EXPENDED

For pay roll	\$854 30
Broken stone	396 62
Tarvia	490 27
Freight	251 18
Oil and repairs	5 70

 \$1,998 07

Balance to Excess and Deficiency

Account 1 93

 \$2,000 00

LOWELL STREET, BETWEEN CAR TRACKS

EXPENDED

Pay roll	\$80 38	
Stone	42 03	
Freight	27 05	
	<hr/>	\$149 46

Transferred from Excess and Defi- ciency Account	\$149 46
---	----------

HAVERHILL STREET

Balance from 1914	\$86 56
Appropriation	1,000 00
	<hr/>
	\$1,086 56

EXPENDED

Pay roll	\$367 09
Teams	447 28
Gravel	237 42
Repairs	13 20
Coal	13 80

\$1,078 79

Balance to Excess and Deficiency Account	7 77
---	------

\$1,086 56

STREET WATERING

Appropriation	\$500 00
-------------------------	----------

EXPENDED

Pay roll	\$262 25
Repairs	7 60

\$269 85

Balance to Excess and Deficiency Account	230 15
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\$500 00

STREET OILING

Appropriation	\$3,000 00
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EXPENDED

Pay roll	\$119 50
Oil, Alden, Spear Co.	1,508 78
Oil, Standard Oil Co.	798 29
Oil, John Baker, Jr.	376 46
Freight	19 00

\$2,822 03

Balance to Excess and Deficiency	
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Account	177 97
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\$3,000 00

DRINKING FOUNTAINS

Balance from 1914	\$150 00
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Appropriation	150 00
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\$300 00

EXPENDED

Water Department, 1915	\$150 00
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Water Department, 1916	150 00
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\$300 00

CONCRETE SIDEWALKS

Balance from 1914	\$500 00
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Appropriation	1,000 00
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\$1,500 00

EXPENDED

Killorin Contracting Co.	\$1,403 05
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Balance to 1916	96 95
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\$1,500 00

SIDEWALK WESTERLY SIDE OF MAIN STREET TO
HOPKINS STREET

Appropriation	\$375 00
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EXPENDED

Pay roll	\$116 00
Teams	217 50
Gravel	30 00

\$363 50

Transferred to Excess and Defi- ciency Account	11 50
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\$375 00

SIDEWALK WEST SIDE MAIN STREET TO STONE-
HAM LINE

Appropriation	\$100 00
-------------------------	----------

EXPENDED

Pay roll	\$78 50
Gravel	3 75

\$82 25

Transferred to Excess and Defi- ciency Account	17 75
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\$100 00

SIDEWALK EXTENSION MAIN STREET

Appropriation	\$500 00
-------------------------	----------

EXPENDED

Pay roll	\$170 00
Teams	310 00
Gravel	20 00

\$500 00

SURFACE DRAINAGE, WARREN AND CENTRE
AVENUES AND MINOT STREET

Appropriation	\$1,600 00
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EXPENDED

Pay roll	\$672 19
Teams	418 46

Surveys and plans	\$66 85
Pipe and cement	315 55
Catch basin grates	45 00
Gravel	60 00
Repairs on tools	6 50
Express	1 05

\$1,585 60

Transferred to Excess and Defi-
ciency Account

14 40

\$1,600 00

PRATT STREET

Appropriation \$430 00

EXPENDED

Pay roll	\$125 00
Teams	289 40
Gravel	15 00

\$429 40

Transferred to Excess and Defi-
ciency Account

60

\$430 00

WOODWARD AVENUE

Appropriation \$100 00

EXPENDED

Pay roll	\$41 50
Balance to 1916	58 50

\$100 00

ECHO AVENUE

Appropriation \$400 00

EXPENDED

Pay roll	\$140 00
Teams	190 00
Survey	8 60

Repairs	\$1 35
Gravel	57 75

 \$397 70

Transferred to Excess and Defi- ciency Account	2 30
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 \$400 00

FAIRVIEW AVENUE

Appropriation	\$400 00
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EXPENDED

Pay roll	\$326 00
Gravel	57 75
Survey	8 60
Repairs	1 35

 \$393 70

Transferred to Excess and Defi- ciency Account	6 30
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 \$400 00

STREET LIGHTING

Appropriation	\$11,000 00
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EXPENDED

Paid Municipal Light Department	\$11,000 00
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DEERING STREET

Appropriation	\$600 00
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EXPENDED

Pay roll	\$585 38
Repairs	14 62

 \$600 00

HILL OREST ROAD

Appropriation	\$540 00
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EXPENDED

Pay roll	\$459 75
Balance to 1916	80 25

 \$540 00

POOR DEPARTMENT

Appropriation	\$3,200 00
Transferred from Excess and Deficiency Account	1,169 60
	<hr/>
	\$4,369 60

EXPENDED

General Administration—Salaries:

Edgar O. Dewey	\$100 00
Edwin L. Hutchinson	100 00
Otis B. Ruggles	99 99
	<hr/>
	\$299 99

Cash aid	303 00
Food	457 80
Fuel	101 50
Clothing	40 34
Incidentals	25 80
Professional services	30 00

Cities and Towns:

Town of Stoneham	45 85
City of Woburn	131 87
Town of Winthrop	59 24
City of Boston	49 28
City of Malden	40 65
Town of Wakefield	29 40

Other Institutions:

Commonwealth of Massachusetts, State Board of Charity	136 50
Carney Hospital	29 00
North Reading Sanatorium	25 71
	<hr/>

\$1,805 93

Transferred from Town Home	2,563 67
--------------------------------------	----------

\$4,369 60

NOTE. Since closing accounts, there has been received from City of Malden \$58.10.

TOWN HOME

RECEIVED

From board	\$156 00
From sale of milk and produce . .	486 90
Transferred from Poor Account .	2,563 67
	<hr/>
	\$3,206 57

EXPENDED

Salary, L. A. Deming, Supt. . . .	\$500 00
Services, Mrs. Heilge	182 00
	<hr/>
	\$682 00
Cow	112 00
Grain	789 65
Fuel	195 53
Lighting	39 97
Water rates	37 55
Repairs	111 83
Telephone	27 70
Dry goods	22 55
Clothing	33 30
Groceries and provisions	565 31
Professional services and medicines .	115 35
Grass and hay	99 50
Radiator and plumbing	50 00
Furniture and carpets	77 32
Brooder	20 25
Chickens	68 00
Incidentals	93 68
General supplies	65 08
	<hr/>
	\$3,206 57

NOTE.—Since closing accounts, there has been received from Town of Norfolk \$312 for board of two inmates.

UNPAID BILLS

Municipal Light Department, lighting	\$2 52
Adams Co., dry goods . . .	1 35
Hodson Bros., varnish . . .	75
W. H. Willis, medicines . . .	35 10
Percy N. Sweetser, fuel . . .	8 25
Wm. E. Moran, barbering . . .	2 55
P. J. Seaman, repairs . . .	4 00
	<hr/>
	\$54 52

MOTHERS WITH DEPENDENT CHILDREN
CHAPTER 763, ACTS 1913

Appropriation	\$1,500 00
EXPENDED	
For aid sundry parties	\$1,143 99
Transferred to Excess and Deficiency Account	356 01
	<hr/>
	\$1,500 00

COMMONWEALTH OF MASSACHUSETTS
CHAP. 763, ACTS 1913

Balance from 1914	\$526 12
RECEIVED	
From Commonwealth of Mass.	\$989 33
EXPENDED	
For aid sundry parties	\$1,781 16
	<hr/>
	\$2,307 28
Balance to 1916	\$1,317 95
	<hr/>
	\$2,307 28

CITY OF SOMERVILLE, CHAP. 763, ACTS 1913

RECEIVED	
From City of Somerville	\$237 33
Balance from 1914	\$246 00

EXPENDED

For aid sundry parties	\$326 68	
	<u>\$572 68</u>	
Balance to 1916		\$335 35
		<u>\$572 68</u>

CITY OF SPRINGFIELD, CHAP. 763, ACTS 1913

RECEIVED

From City of Springfield		\$416 00
Balance from 1914	\$32 00	

EXPENDED

For aid sundry parties	\$416 00	
	<u>\$448 00</u>	
Balance to 1916		32 00
		<u>\$448 00</u>

TOWN OF WAKEFIELD, CHAP. 763, ACTS 1913

RECEIVED

From Town of Wakefield		\$35 00
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EXPENDED

For aid sundry parties	\$39 67	
Balance to 1916		4 67
		<u>\$39 67</u>

TEMPORARY AID

COMMONWEALTH OF MASSACHUSETTS

RECEIVED

From Commonwealth of Massachusetts		\$203 21
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EXPENDED

Balance from 1914	\$604 40	
For aid sundry parties	112 54	
	<u>\$716 94</u>	
Balance to 1916		513 73
		<u>\$716 94</u>

TOWN OF NORFOLK

RECEIVED

Balance from 1914	.	.	.	.	\$133 88	
From Town of Norfolk	.	.	.	.		\$133 50

EXPENDED

For aid sundry parties	.	.	.	.	27 40	
					<u>\$161 28</u>	
Balance to 1916		27 78
						<u>\$161 28</u>

TOWN OF METHUEN

Balance from 1914	\$194 97	
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RECEIVED

From Town of Methuen		\$194 07
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EXPENDED

For aid sundry parties	18 00	
					<u>\$212 97</u>	
Balance to 1916		18 00
						<u>\$212 97</u>

CITY OF BOSTON

Balance from 1914	\$7 55	
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EXPENDED

For aid sundry parties	12 00	
					<u>\$19 55</u>	
Balance to 1916		\$19 55

SOLDIERS' BENEFITS

SOLDIERS' RELIEF

Appropriation		\$750 00
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RECEIVED

Aid returned		8 00
					<u>\$758 00</u>	

143

EXPENDED

Pay roll and aid	\$718 60	
Transferred to Excess and Deficiency Account	39 40	
	<hr/>	\$758 00

BURIAL OF SOLDIERS

Balance from 1914	\$94 00	
-----------------------------	---------	--

RECEIVED

From Commonwealth of Massachusetts		\$100 00
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EXPENDED

Burial of soldiers	200 00	
	<hr/>	
	\$294 00	
Balance to 1916		194 00
		<hr/>
		\$294 00

STATE AID

Balance from 1914	\$1,666 00	
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RECEIVED

From Commonwealth of Massachusetts		\$1,670 00
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EXPENDED

For pay roll	1,938 00	
	<hr/>	
	\$3,604 00	
Balance due from Commonwealth of Massachusetts		1,934 00
		<hr/>
		\$3,604 00

EDUCATION

Appropriation	\$43,000 00	
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RECEIVED

Tuition from North Reading	2,382 00	
Tuition from Town of Middleton	24 00	
Tuition from State, minor wards	130 50	

Tuition from Boston, minor wards	\$108 00
Reimbursement, Industrial Schools	163 35
Rent of John Street Schoolhouse	36 00
Sale of Prospect Street out-building	25 00
Telephone tolls	14 25
Refund, freight	6 20
	<hr/>
	\$45,889 30

EXPENDED

Teachers' and Superintendent's salaries	\$30,989 43
Janitors' salaries	3,540 00
Truant Officer	104 00
Medical Inspector	200 00
Census Enumerator	50 00

\$34,883 43

Transportation of pupils	1,046 25
Tuition paid Industrial School	14 14
Books	1,353 20
Supplies for pupils	2,355 00
Apparatus for teaching	190 71

General Expenses:

Printing and advertising	185 74
Office supplies and stationery	90 47
Telephones	138 13
School Committee, expenses	23 96
Lectures and public meetings	10 00
Insurance	193 00
Fuel	3,108 99

BUILDING MAINTENANCE

Light	215 95
Water	275 38
Removal of ashes	93 25
Janitors' supplies	422 99

REPAIRS

Buildings	913 73
Furniture	255 43
Grounds	119 50

 \$45,889 25

Transferred to Excess and Deficiency Account	05
	<hr/> \$45,889 30

SCHOOL DEPARTMENT

SPECIAL REPAIRS

Balance from 1914	\$487 19
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EXPENDED

G. E. Betts, shingling Union St. school house	\$346 00
Gibbons Contracting Co., grading grounds	63 50
H. L. Parks, mason work	19 75
J. Woodward Manning, shrubbery	57 94
	<hr/> \$487 19

NEW TYPEWRITERS

Appropriation	\$500 00
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EXPENDED

Underwood Typewriter Co., typewriter and biller	\$66 55
Remington Typewriter Co., typewriters	257 50
Royal Typewriter Co., typewriters	175 00
	<hr/> \$499 05

Transferred to Excess and Deficiency Account	95
	<hr/> \$500 00

IMPROVEMENT OF GROUNDS

Appropriation	\$600 00
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EXPENDED

Percy N. Sweetser, grading Highland School grounds	\$478 00
Percy N. Sweetser, grading Lowell St. School grounds	94 00
Incidentals	15 41
	<hr/> \$587 41

Transferred to Excess and Deficiency Account	12 59
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	<hr/> \$600 00
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REPAIRING STACKS, HIGH SCHOOL BUILDING

Appropriation	\$400 00
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EXPENDED

H. R. Johnson, labor	\$400 00
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TUITION INDUSTRIAL SCHOOLS

Appropriation	\$500 00
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EXPENDED

City of Boston	\$209 50
City of Somerville	175 00
Town of Wakefield	86 00
	<hr/> \$470 50

Transferred to Excess and Deficiency Account	29 50
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	<hr/> \$500 00
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NOTE. — Under Section 7, Chapter 471, Acts 1911, the said town is entitled to reimbursement from the State to the extent of one-half of the amount expended.

VOCATIONAL SCHOOLS

Appropriation	\$2,000 00
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RECEIVED

From Town of Stoneham	434 00
From Town of North Reading	322 00
From Town of Wakefield	14 00
	<hr/>
	\$2,770 00

EXPENDED

Salary, Instructor, 8½ months	\$1,487 50
Salary, Instructor, winter course, 12 wks.	47 50
	<hr/>
	\$1,535 00
Books and papers	252 55
Supplies and apparatus	902 12
Building, repairs and alterations	80 30
	<hr/>
	\$2,770 00

RECREATION AND CELEBRATION

RENT OF PLAYGROUND

Appropriation	\$342 00
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EXPENDED

Delia E. Sweetser, rent	\$342 00
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CARE AND IMPROVEMENT OF COMMON

Appropriation	\$100 00
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EXPENDED

Albert Green, services	\$49 25
Repairing settees	5 55
General repairs	14 25
Supplies	50
	<hr/>
	\$69 55
Transferred to Excess and Deficiency Account	30 45
	<hr/>
	\$100 00

MEMORIAL DAY

Appropriation	\$200 00
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EXPENDED

Post 194 G. A. R.	\$200 00
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BAND CONCERTS

Appropriation	\$200 00
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EXPENDED

Chapman's Band	\$100 00
Reading Brass Band	100 00
				<hr/>	\$200 00

PUBLIC LIBRARY

Appropriation	\$2,325 00
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RECEIVED

From Dog Tax	662 95
From Refund	2 00
From Fines	82 00
				<hr/>	\$3,071 95

EXPENDED

Salaries:

Bertha L. Brown	.	.	.	.	\$400 00
Grace J. Abbott	.	.	.	.	80 00
C. H. Stinchfield	.	.	.	.	55 84
				<hr/>	\$535 84
Janitor's service	.	.	.	.	60 00
Fuel and heating	.	.	.	.	106 58
Rent	.	.	.	.	\$600 00
Taxes 1914	.	.	.	.	227 41
Taxes 1915	.	.	.	.	229 60
				<hr/>	\$1,057 01
Books	.	.	.	.	487 51
Periodicals	.	.	.	.	79 73
Printing	.	.	.	.	50 70

Lighting	\$27 54
Binding books	53 95
Express	7 17
Expenses, Bertha L. Brown	7 88
Ruby Mansfield, extra services	4 50
Supplies	3 50

\$2,481 91

Transferred to Excess and Defi-		
ciency account	590 04	
	<hr/>	\$3,071 95

CEMETERIES

LAUREL HILL

Appropriation	\$1,200 00
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RECEIVED

Interest for care of lots	748 25
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TRANSFERRED

From sale of lots and graves	175 00
	<hr/>
	\$2,123 25

EXPENDED

Pay roll	\$1,532 50
A. W. Danforth, salary, Secretary	75 00
A. W. Danforth, expenses	5 50
Flowers and bouquets	277 75
Manure and fertilizer	49 50
Survey and plans	35 15
Monumental work	29 46
Repairs	6 25
Supplies	20 65
Signs	24 45

\$2,056 21

Transferred to Excess and Defi-		
ciency account	67 04	
	<hr/>	\$2,123 25

MUNICIPAL INDUSTRIES

MUNICIPAL LIGHT DEPARTMENT AND WATER DEPARTMENT

(For details see respective reports)

MUNICIPAL INDEBTEDNESS MATURING IN 1915

Appropriation	\$16,600 00
TRANSFERRED	
Transferred from Excess and Deficiency Account . . .	1,100 00
RECEIVED	
From Water Department . . .	3,000 00
Paid by Municipal Light Dept. . .	9,500 00
	<hr/>
	\$30,200 00
EXPENDED	
Municipal Light Dept. loans . .	\$9,500 00
Water Department bonds . . .	8,000 00
High School building	5,000 00
Highland School building . . .	3,000 00
Lowell St. School building . . .	1,000 00
Grouard Estate Loan	1,000 00
Auto Chemical Truck	1,500 00
Current Expense Bond	1,200 00
	<hr/>
	\$30,200 00
INTEREST ACCOUNT	
Appropriation	\$3,500 00
RECEIVED	
Interest on deposits	421 11
Interest on taxes	2,396 95
	<hr/>
	\$6,318 06
Balance from Excess and De- ficiency Account	160 26
	<hr/>
	\$6,478 32

EXPENDED

Interest on temporary loans . . .	\$3,455 65	
Interest on school loans . . .	1,820 00	
Interest on general loans . . .	862 20	
Interest on cemetery bequest . . .	170 08	
Interest on cemetery special . . .	170 39	
	<hr/>	\$6,478 32

AGENCY AND TRUST TRANSACTIONS

STATE TAX

From tax levy	\$14,527 50
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EXPENDED

To the Commonwealth of Mass. . .	\$14,527 50
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COUNTY TAX

From tax levy	\$7,553 19
-------------------------	------------

EXPENDED

Treasurer Middlesex County . . .	\$7,553 19
----------------------------------	------------

WELLINGTON BRIDGE TAX

From tax levy	\$196 53
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EXPENDED

The Commonwealth of Massachusetts . .	\$196 53
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HIGHWAY TAX

From tax levy	\$1,263 52
-------------------------	------------

EXPENDED

The Commonwealth of Massachusetts . .	\$1,263 52
---------------------------------------	------------

FIRE PREVENTION TAX

Transferred from Reserve Fund . . .	\$51 23
-------------------------------------	---------

EXPENDED

The Commonwealth of Massachusetts . .	\$51 23
---------------------------------------	---------

BAY STATE STREET RAILWAY TAX

RECEIVED

From Commonwealth of Massachusetts	\$3,038 49
From Bay State Street Railway . . .	<u>2,703 41</u>
	\$5,741 90
Transferred for Highways . . .	<u>\$5,741 90</u>

CORPORATION TAX

RECEIVED

From Commonwealth of Massachusetts	\$8,622 29
------------------------------------	------------

EXPENDED

To Commonwealth of Massachusetts . . .	\$3 84
Amount used in tax levy, 1915 . . .	6,400 00
Balance transferred to Excess and Deficiency Account . . .	<u>2,218 45</u>
	\$8,622 29

NATIONAL BANK TAX

RECEIVED

From Commonwealth of Massachusetts	\$724 54
------------------------------------	----------

EXPENDED

To Commonwealth of Massachusetts . . .	\$469 44
Transferred to Excess and Defi- ciency Account . . .	<u>255 10</u>
	\$724 54

RESERVE FUND

Appropriation	\$700 00
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TRANSFERRED

To Fire Prevention Tax	\$51 23
To Fire Alarm Boxes, schoolhouses . . .	300 00
To Highways, guard rails	<u>182 13</u>
	\$533 36
Balance to 1916	<u>166 64</u>
	\$700 00

SCHEDULE OF REAL ESTATE AND PERSONAL
PROPERTY OWNED BY TOWN OF READING
DECEMBER 31, 1915

SCHOOLS

Buildings and land	.	.	.	\$214,000 00	
Personal	.	.	.	15,000 00	
				<hr/>	\$229,000 00

PARKS

Common	.	.	.	\$10,000 00	
Band Stand	.	.	.	500 00	
Mayall Park	.	.	.	500 00	
Washington Park	.	.	.	500 00	
				<hr/>	\$11,500 00

TOWN BUILDINGS

Town Building	.	.	.	\$21,400 00	
Grouard Estate	.	.	.	10,700 00	
Police (personal)	.	.	.	311 50	
				<hr/>	\$32,411 50

FIRE DEPARTMENT

Fire Houses	.	.	.	\$6,600 00	
Personal	.	.	.	20,905 00	
				<hr/>	\$27,505 00

LIBRARIES

Personal	.	.	.		\$3,500 00
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WATER DEPARTMENT

Buildings and land	.	.	.	\$52,000 00	
Machinery and tools	.	.	.	31,000 00	
				<hr/>	\$83,000 00

HIGHWAYS

Tool house	\$500 00	
Personal	3,502 10	
	<hr/>	\$4,002 10

POOR DEPARTMENT

Town Home	\$9,500 00	
Personal (Town Home)	2,488 20	
	<hr/>	\$11,988 20

LAND

Land off Grove St., near golf links	\$200 00	
Land west of John Street	50 00	
Land west of John Street	50 00	
Land Ash Street, near railroad	1,200 00	
	<hr/>	\$1,500 00

CEMETERY

Land (estimated)	\$25,000 00	
Tool house	100 00	
Personal	200 00	
	<hr/>	\$25,300 00

MUNICIPAL LIGHT DEPARTMENT

Building and land	\$18,600 00	
Personal	142,300 00	
	<hr/>	\$160,900 00

Total value of real and personal property Dec. 31, 1915	\$590,606 80
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EXEMPTED PROPERTY

The following is a schedule of property used for religious and other purposes and by law exempt from taxation, as reported by the Assessors December 31, 1915:

Baptist Society	\$26,000 00
Congregational Society	86,350 00
Old South M. E. Church	43,000 00
Christian Union Society	26,500 00
St. Agnes Roman Catholic Church	48,600 00
Home for Aged Women	5,800 00
Quannapowitt Agricultural Association	13,800 00
Fathers' and Mothers' Club	3,850 00
U. S. Government P. O Department, land	6,500 00
	<hr/>
	\$260,400 00

H. M. VIALI, COLLECTOR,

DR.

Amount uncollected tax, 1912 . . .	\$457 61
Interest collected, account 1912 . . .	90 68
Amount uncollected tax, 1913 . . .	10,069 62
Interest collected, account 1913 . . .	858 78
Amount uncollected tax, 1914 . . .	52,287 80
Interest collected, account 1914 . . .	1,339 70
Additional assessments, 1914 . . .	18 00
Abatement allowed in error, 1914 . . .	1 59
Amount committed list, 1915 . . .	166,152 92
Moth tax, 1915 . . .	1,464 50
Excise tax, 1915 . . .	2,703 41
Additional tax, 1915 . . .	18 00
Supplementary tax, 1915 . . .	1,927 51
Interest collected, 1915 . . .	107 79
Collected in excess, to be refunded . . .	4 00
Received account redemption of property . . .	723 23
Received account certificates . . .	10 00
Received account paid after abatement . . .	4 38
Received account postage . . .	4 34
	<hr/>
	\$238,243 86

IN ACCOUNT WITH TOWN OF READING

CR.

Cash paid W. C. Mansfield, Treasurer, account 1912	\$490 31
Abatement, account 1912	57 98
Cash paid W. C. Mansfield, Treasurer, account 1913	9,112 72
Abatement account, moth tax account 1913	50
Abatement account, general tax ac- count 1913	406 73
Cash paid W. C. Mansfield, Treasurer, account 1914	41,287 35
Abatement, account 1914	317 32
Cash paid W. C. Mansfield, Treasurer, account 1915	115,640 27
Abatement, moth tax account 1915	50
Abatement, general tax account 1915	455 17
Cash paid W. C. Mansfield, Treasurer, account miscellaneous receipts	741 95
Uncollected taxes, 1913	1,408 45
Uncollected taxes, 1914	12,042 42
Uncollected taxes, 1915	56,282 19
	<hr/>
	\$238,243 86

H. M. VIALI, Collector of Taxes.

Reading, Dec. 31, 1915.

Approved:

JOHN H. SHELDON, Town Accountant.

REPORTS OF DEPARTMENTS

REPORT OF ASSESSORS, 1915

Valuation of Real Estate :

Buildings excluding land	.	.	.	\$4,107,380 00
Land excluding buildings	.	.	.	2,385,095 00
Total real estate	.	.	.	<u>\$6,492,475 00</u>

Personal estate excluding resident bank stock	\$1,388,723 00
Resident bank stock	24,300 00
Total personal estate	<u>\$1,413,023 00</u>

Total real and personal estate assessed April

1, 1915	\$7,905,498 00
Buildings increase over 1914	\$271,305 00
Land increase over 1914	80,190 00
Personal estate increase over 1914	36,148 00

Total value increase	<u>\$387,643 00</u>
----------------------	---------------------

Tax on real estate	\$133,097 56
Tax on personal estate	28,969 36
Tax on polls	4,086 00
Tax on real estate for moth work	<u>1,465 50</u>

Total tax assessed April 1, 1915	\$167,617 42
----------------------------------	--------------

Personal estate assessed Dec. 17, 1915	\$89,100 00
Real estate assessed Dec. 17, 1915	\$4,925 00
Polls, 9 at \$2 each	\$18 00
Tax assessed as supplementary on personal estate Dec. 17, 1915	<u>\$1,826 55</u>

Tax assessed as supplementary on real estate	
Dec. 17, 1915	\$100 96
Street Railway Excise Tax on 12,020 miles of track	\$2,703 41
Total personal estate assessed in year 1915 .	\$1,502,123 00
Total real estate assessed in year 1915 . .	6,497,400 00

Total valuation 1915, April and December	\$7,999,523 00
State highway tax	\$1,263 52
Wellington Bridge maintenance	84 42
Wellington Bridge, special	112 11
State tax	14,527 50
County tax	7,553 19

Total State and County tax, 1915 . .	\$23,540 74
Total State and County tax, 1914 . .	20,578 72

1915 in excess of 1914	\$2,962 02
Balance used for Town	\$144,073 93
Rate of taxation, \$20.50 per \$1,000.	

Number of persons assessed on property April 1, 1915	2095
--	------

Number of persons assessed for poll tax only	
April 1, 1915	1114
Additional in Dec., 1915, on property . . .	12
Additional polls	9

Total number persons assessed on property in 1915	2107
Total number assessed on polls in 1915 . .	1123

Total number separate assessments . .	3230
Polls assessed 1914	1959
Polls assessed 1915	2052
Increase of polls in 1915	93
Number horses	282
Number cows	262

Number neat cattle	48
Number of swine	147
Number of fowls	16,168
Number dwellings	1749
Number new dwellings	64
Number acres of land	5734
Population Town of Reading, 1915	6805

ASSESSORS' REPORT ON THE SURVEY OF LAND UNDER THE BLOCK SYSTEM

We have now completed 46 plans describing 1855 separate parcels of land. The past year we have had 14 plans completed containing 632 separate lots.

The following are the Plots in numerical order, as enumerated below.

Plot 1—West of Reading Square, between Haven and Woburn Streets, to Linden Street.

Plot 2—South of Haven Street and west of Main Street to B. & M. R. R.

Plot 3—North of Green Street to Pleasant Street, east of Main Street to John Street. (Sub plan—East of Main Street, west of John Street, between Green and Pleasant Streets.)

Plot 4—North of Pleasant Street to Salem Street, east of Main Street to John Street.

Plot 5—North of Salem Street to Charles Street, east of Main Street to Pearl Street.

Plot 6—East of Main Street, including parts of Charles, Harrison and Pearl Streets.

Plot 7—North of Mt. Vernon Street to Middlesex Avenue, east of Kingston Street to Lowell Street.

Plot 8—West of Kingston Street to School Street, south of Middlesex Avenue.

Plot 9—West of School Street to High Street, south of Middlesex Avenue.

- Plot 10—North of Haven Street, vicinity of B. & M. R. R. station.
- Plot 11—South of Prescott Street to Warren Avenue, west of B. & M. R. R.
- Plot 12—Sunnyside land, C. S. Pratt's, south of Prescott Street.
- Plot 13—North of Prescott Street, west of Arlington Street.
- Plot 14—North of Prescott Street to Temple Street, east of Summer Avenue.
- Plot 15—South of Prescott Street, east of Summer Avenue.
- Plot 16—North of Middlesex Avenue, east of Bancroft Avenue.
- Plot 17—South of Salem Street to Pleasant Street, easterly to Eaton Street.
- Plot 18—North of Avon Street, between Minot Street and Ash Street.
- Plot 19—South of Mineral Street, B. & M. R. R., west of High Street.
- Plot 20—South of Washington Street on Main Street, Sweetser Homestead.
- Plot 21—South of Woburn Street to Howard Street on West Street, east of West Street.
- Plot 22—North of Woburn Street to King Street, west of Summer Avenue to West Street.
- Plot 23—North of Temple Street to King Street, east of Summer Avenue.
- Plot 24—West of High Street to Temple Street, north of No. 1 Washington Street.
- Plot 25—North of King Street to Mineral Street, east of Summer Avenue to Hancock Street Extension.
- Plot 26—North of Mineral Street to Woodbine Street, east of Summer Avenue to Hancock Street.
- Plot 27—North of Howard Street to Woburn Street, Perkins estate, etc.
- Plot 28—North of Oak Street to Howard Street, east of West Street to Sigsbee Avenue, Scotland.

- Plot 29—North of Oak Street to Howard Street, Scotland Road, etc., Scotland.
- Plot 30—North of Oak Street to Howard Street, west of Summer Avenue, Scotland.
- Plot 31—North of Mineral Street and east of railroad to Grand Street.
- Plot 32—Vine Street north of Yale Road, between High Street and R. R.
- Plot 33—North of Harriman Avenue, Grand and High Streets, to Lowell Street.
- Plot 36—East of Bancroft Avenue, north of Cemetery.
- Plot 37—West of Main Street, south of Auburn Street to Cemetery.
- Plot 38—North of Auburn Street, west of Main Street to Stand Pipe Hill.
- Plot 41—North of Salem Street, east of Pearl Street to Thorndike Street.
- Plot 42—North of Salem Street, between Pierce and Winter Streets.
- Plot 43—South of Salem Street, east of Eaton Street.
- Plot 44—North of Green Street to Pleasant Street, between Village and Eaton Streets.
- Plot 45—Green and Washington Streets, between Elliott and John Streets.
- Plot 46—East of Main Street, between Green Street and Railroad.
- Plot 51—East of Main Street, between Avon and Cross Streets.
- Plot 52—West of Minot Street, between Warren Avenue and Pine Avenue.

We had a balance on hand of	\$327 86
Raised and appropriated	500 00
	<hr/>
Making a total of	\$827 86

We have expended as follows: Clarence E. Carter, making plans and looking up records, \$711.80.

We have a balance on hand unexpended of \$116.06, for the reason that the Engineer has actually done the work but has not presented his bill, as he has not completed several plans.

We recommend that the sum of \$500 be raised and appropriated to continue this work the coming year.

We invite inspection of our work by any citizen or citizens who are interested.

MILLARD F. CHARLES

GEORGE E. HORROCKS

ARDINE M. ALLEN

Board of Assessors.

REPORT OF SUPERINTENDENT OF STREETS

TO THE HONORABLE BOARD OF SELECTMEN :

I herewith submit a general summary of the work of the Highway Department for the past year. The excessive rains during the past summer caused considerable damage to the gravel roads which necessitated a larger outlay than usual to keep them in any kind of condition. The State road on North Main Street was closed the larger part of the summer while repairs were being made, and the heavy traffic which this road carries was obliged to make detours via Charles Street, Haverhill Street and Franklin Street, or Lowell Street, Grove Street and Franklin Street. Lowell Street being a hard surfaced road withstood the heavy traffic, but Grove, Franklin, Haverhill and Charles Streets, being of common gravel construction, were unable to withstand the increased traffic, and when the State road was opened to traffic the last of August these streets were left in very bad condition. As this department had no funds to repair them, they will require attention this spring.

Considerable gravel grading has been done this season, but I would recommend that this kind of construction be discontinued except where absolutely necessary, unless a different kind of gravel can be obtained from that which we are obliged to use at present. As the material in the gravel banks in which we are able to get any gravel at all contains a very large percentage of stone, which we are unable to use at present, but which has all to be handled, it makes the cost of the gravel more than it should be by the time it arrives on the job, as this stone is the best part of the gravel banks. I would again recommend the pur-

chase of a portable stone crusher. I am strongly of the opinion that if this stone and gravel could be crushed to a uniform size, and after being spread evenly on the prepared road and rolled, then one or two applications of asphalt oil applied, it would make a road surface far superior to the present gravel roads.

CONSTRUCTION

Another section of Lowell Street has been constructed the past season of tar macadam, under the direction of the Mass. Highway Commission, 3000 feet in length and 18 feet wide. This brings the completed road to Middlesex Avenue on the east and to within about 1000 feet of the Wilmington line on the west. This should be completed this year, 1916. Considerable gravel work has been done on Green Street, Federal Street, Woburn Street, Summer Avenue, Franklin Street, Pearl Street, Berkley Street, Perkins Avenue and Prescott Street Extension; and Haverhill Street, Deering Street, Pratt Street, Echo Avenue, Hill Crest Road, Fairview Avenue and Woodward Avenue have been laid out as voted by the Town.

MAINTENANCE

The general routine work of this department has been attended to, but as I have already said, the excessive rains of last July brought the maintenance cost of this department to considerable more than usual, and some work that was planned we were unable to do.

SIDEWALKS

A new sidewalk has been constructed on North Main Street, from the residence of George Putnam to Wells Road, as voted by the Town. The sidewalk on South Main Street was completed to within about 75 feet of the Stoneham line. The sidewalk on the west side of South Main Street, from Avon Street to beyond South Street (one mile) has been repaired, as voted by the Town. Short stretches

of gravel grading has been done on a large number of sidewalks, 3000 square yards of new concrete has been laid on Prescott Street, Woburn Street, High Street, Harnden Street and Middlesex Avenue, at a cost of 53 cents per yard.

DRAINAGE

An under drain has been constructed on Minot Street and connecting streets, consisting of 1200 feet of 12 inch pipe and eight (8) catch basins and three (3) inlets. In connection with this, Minot Street, Warren Avenue and Maple Street were regraded with the best gravel we could obtain. This was all done inside of the appropriation. There should still be a little work done on Centre Avenue to change the gutter lines.

WATERING AND OILING

Owing to the continued use of oil, the water cart was used very little. 50,273 gallons of oil were used for dust laying, at an average cost of 5 cents per gallon, covering approximately 350,000 square yards of road surface.

SNOW REMOVAL

The snow the past season caused very little inconvenience. This department had to use a large amount of sand on account of the icy conditions.

RECOMMENDATIONS

I would again recommend the purchase of a portable stone crusher; also, if there is no immediate prospect of the construction of a sewer that the Square and Main Street to Washington Street be put in first class shape. Other recommendations I will leave to your Honorable Board whom I think know the conditions as well as I do.

In conclusion, I would refer you to the Town Accountants' report for itemized account. I also desire at this time to thank your Honorable Board for their very kind and helpful advice and suggestions.

Respectfully submitted,

E. H. CROWE, Supt. of Streets.

REPORT OF CHIEF OF POLICE

TO THE HONORABLE BOARD OF SELECTMEN OF READING :

GENTLEMEN—I herewith submit the report of the Police Department for the year ended December 31, 1915.

ARRESTS FOR THE YEAR 1915

Total number of arrests	112
Males	106
Females	6
Residents	54
Non-residents	58
American born	86
Foreign born	26
Adults	82
Minors	30

CAUSES OF ARREST

Assault	5
Attempted larceny	1
Attempt to break and enter	1
Bastardy	2
Breaking and entering	6
Breaking street lamps	4
Capias	3
Carrying revolver	1
Disturbance on car	1
Drunks	43
Escaped from institution	1
Evading car fares	3
Having in possession unsealed scales	1

Insane	4
Keeping and exposing liquor	1
Larceny	4
Marring dwelling	2
Neglected child	1
Non-support	2
Not having light on motor cycle	1
Not having light on vehicle	3
Operating motor cycle without license	1
Rape	2
Suspicious characters	2
Tramps	2
Truants	1
Violating auto laws	10
Violating pure food laws	4

 112

DISPOSITION OF CASES

Committed to Danvers Insane Hospital	5
Committed to House of Correction	13
Committed to State Board	1
Committed to State Farm	2
Committed to Training School	1
Discharged	1
Fined	23
Fined and appealed	2
Held for grand jury	1
Placed on file	21
Probation	8
Released	20
Returned to Concord Reformatory	1
Returned to Industrial School	1
Sentenced to House of Correction (suspended)	3
Sentenced to Industrial School (suspended)	1
Sentenced to Lyman School (suspended)	1
Turned over to out of town officers	7

 112

MISCELLANEOUS

Accidents reported	16
Buildings found unsecured	199
Cases investigated	135
Dead bodies cared for	5
Defects in sidewalk	4
Disturbances quelled	2
Dogs killed	24
Horses found cast	8
Lanterns placed in dangerous places	4
Lights reported out	6
Raids	4
Search warrants served	3
Vacant houses given special protection	42
Amount of property reported stolen	\$580 00
Amount of property recovered	477 00
Fines imposed	265 00
Fines imposed and appealed	65 00
Fines imposed and awarded state	50 00
Fines cancelled	40 00
Fines collected from 1914	49 00
Total fines received	192 00
Fines due from 1915	82 00

LIST OF PROPERTY IN CUSTODY OF DEPARTMENT

Two roll top desks	\$20 00
One table	5 00
Five chairs	6 00
Fourteen hemlets	35 00
Thirty badges	30 00
Six pairs handcuffs	20 00
Eight belts	15 00
Three pairs twisters	3 00
Twelve clubs	10 00
Two stop watches	14 00
One dark lantern	1 50

One watchman's clock	\$5 00
Six lockers	30 00
One shot gun	10 00
Four revolvers	15 00
Four automatic pistols	52 00
Four holsters	6 00
One auto trap	14 00
Two telephone boxes	30 00
One bulletin board	6 00
One stretcher	7 00
Four traffic signs	40 00
Six lanterns	5 00
	<hr/>
	\$379 50

ROSTER

CHIEF

William E. Swain

PATROLMEN

Jeremiah Cullinane Oscar H. Lowe George C. Stock

SPECIALS

Ardine M. Allen	William C. McKinley
Willard A. Bancroft	William J. Murphy
Samuel Brown	Thomas M. Palmer
William C. Cram	William Quillen
Edward H. Crowe	Joseph Shaw
Clement Gleason	James W. Sias
Jesse N. Hutchinson	John Stock
William Kidder	William F. Welch
William H. Killam	David J. Whelton

CONCLUSION

At this time I wish to thank the Honorable Board of Selectmen, the judges and officers of our district court and all others who have assisted in promoting the welfare of the Town of Reading. The relation of the Board and this department has been very harmonious this year.

Respectfully submitted,

WILLIAM E. SWAIN, Chief of Police.

Reading, Jan. 1, 1916.

REPORT OF BOARD OF HEALTH

TO THE CITIZENS:

Number of contagious diseases reported		117
Diphtheria	18	No deaths
Scarlet Fever	12	One death
Measles	76	
Tuberculosis	9	Five deaths
Ophthalmia Neonatorum	1	
Typhoid Fever	11	
<hr/>		
117		

Whole number deaths from all causes, exclusive of
still births

Males :	40
Females	41
Still birth	1

	Male	Female
Number of deaths under 1 year	7	4
Number of deaths over 1 year and under 10	1	
Number of deaths over 10 years and under 45	4	4
Number of deaths over 45 years and under 75	19	18
Number of deaths over 75 years and under 85	6	11
Number of deaths over 85 years and under 90	2	2
Number of deaths over 90 years and under 93	1	2
	<hr/>	<hr/>
	40	41

E. M. HALLIGAN, M. D.

G. L. FLINT

C. H. PLAYDON

Board of Health.

REPORT OF INSPECTOR OF PLUMBING

TO THE BOARD OF HEALTH :

GENTLEMEN—The work of the Plumbing Department for the year ending Dec. 31, 1915, was as follows :

Permits granted	97
New fixtures set	403
Closets	86
Lavatories	84
Bath tubs	69
Sinks	81
Wash trays	83

Respectfully submitted,

DAVID TAGGART, Inspector of Plumbing.

REPORT OF THE BOARD OF FIRE ENGINEERS

TO THE HONORABLE BOARD OF SELECTMEN:

GENTLEMEN—The annual report of the Board of Fire Engineers is herewith presented, giving the record of alarms that have been received during the year ending December 31, 1915, together with such information as we believe may be of interest to the Town.

MANUAL FORCE

The Department consists of a Chief Engineer, two Assistant Engineers, two permanent men and twenty-eight call men.

APPARATUS

Combination A has now been in service over two years and still continues to give the best of service.

FIRE ALARM

A converter should be added whereby the town current can be used for charging the battery.

FINANCES

Our financial transactions are all embodied in the report of the Town Accountant, to which we refer you for any information in that line.

CONCLUSION

In conclusion, we wish to extend to your Honorable Board and to the Finance Committee our thanks for the courtesies and cooperation we have received during the year. We wish to compliment the officers and members of the department on the prompt and efficient manner in which they have performed their duties. We also wish to express our thanks to the Bay State Street Railway Company for the

use of current, to the Chief of Police for services rendered by his department at fires, and to the employes of the New England Telephone and Telegraph Company for the prompt and efficient service rendered in receiving alarms by telephone.

RECORD OF ALARMS FOR THE YEAR ENDING DEC. 31, 1915

Month	Bell	Still	Telephone	Total
January	0	9	0	0
February	0	1	0	1
March	25	2	35	62
April	6	3	8	17
May	3	1	3	7
June	0	1	0	1
July	2	0	3	5
August	2	1	2	5
September	5	1	4	10
October	3	0	3	6
November	5	2	3	10
December	2	0	1	3
Totals	53	12	62	127

Loss by fire	\$10,492 75
Insurance paid	\$7,024 75
Uninsured	\$3,443 00

	Miles Travelled	Hours Duty	Feet 2½ Inch Hose	Feet Ladder	Gallons Chemical	Feet Chemical Hose	Covers Spread
Combination A	244.8	62	14,700	300	726	2,450	2
Ladder 1	38.8	26		297	3		4
Hose 1	60.0	42	6,050		21		4
Hose 2	71.9	36	4,350		9		4

O. O. ORDDWAY, Chief

W. R. ZWICKER, Sec'y

LUKE MCKENNEY, Asst.

Board of Fire Engineers.

FIRE PREVENTION

At the annual town meeting Reading voted to enter the Metropolitan Fire Prevention District. With the cooperation of the citizens the conditions in many places have greatly improved. All complaints have been investigated and in many cases suggestions have been made to lessen the danger of fire.

Following is a list of permits issued from March 16 to December 31, 1915:

Fire out of door permits	320
Inflammable fluid permits	68
Fireworks and firecracker permits	2
Motor cycle permits	2

There have been 489 inspections of buildings made.

O. O. ORDWAY, Chief.

REPORT OF SUPERINTENDENT OF FIRE ALARM

TO THE BOARD OF FIRE ENGINEERS:

GENTLEMEN—I herewith submit the following report:

During the year the following changes have been made:

Box 36 has been moved from the corner of Bancroft Avenue and Locust Street to North Main Street, corner of Ridge Road.

Box 612 has been located at the corner of Bancroft Avenue and Locust Street. The following boxes have been placed in school houses:

Box 221—Union Street School, Union Street.

Box 223—Center School, Lowell and Salem Streets.

Box 224—High School, Sanborn and Linden Streets.

Box 225—Highland School, Middlesex Avenue.

Transmitter wheels have been purchased so an alarm by telephone from the other school houses can be sounded from the Central Fire Station. They are the following numbers:

226—Lowell Street School, Lowell and Hartshorn Streets.

227—Prospect Street School, Prospect and Woburn Streets.

228—Ochestnut Hill School, Hopkins Street.

Much of the old line has been rebuilt but there still remains some line that should be replaced by new this year. Insulation in trees has been given attention and as a whole the system is in good shape.

I recommend a charging set for the fire alarm battery whereby the town power can be used for charging the storage battery. The power of the Street Railway Company which is now used does not give satisfactory results and in time means ruining the elements of the battery.

NUMBER AND LOCATION OF BOXES

- Test 11.45 A. M. and 5.45 P. M.
- 121—Main and Haven.
- 122—Haven and Gould.
- 13—Ash and Avon.
- 14—Hill Crest Road and Oak.
- 15—Summer Avenue and Walnut.
- 16—South Main and South.
- 17—Prescott near Arlington.
- 18—Park Avenue and Minot.
- 19—Walnut and Curtis.
- 2—Recall.
- 21—Summer Avenue and Temple.
- 212—West and Howard.
- 22--No session of school, 7.40 A. M. and 12.30 P. M.
- 221—Union Street School. (Private.)
- 223—Center School. (Private.)
- 224—High School. (Private.)
- 225—Highland School. (Private.)
- 226—Lowell Street School. (Private.)
- 227—Prospect Street School. (Private.)
- 228—Chestnut Hill School. (Private.)
- 23—Woburn and Temple.
- 231—West beyond Willow.
- 24—Mineral and Hancock.
- 25—Prospect near King.
- 26—Hose 2 House, Woburn Street.
- 27—Summer Avenue near Prescott.
- 28—West beyond Oak.
- 29—West and King.
- 3—Followed by a box number, second alarm.
- 31—Lowell beyond Grove.
- 32—Franklin near Golf Links.
- 33—Lowell, Grand and Gould Avenue.
- 34—Grove and Forest.
- 35—North Main and Locust.
- 36—North Main and Ridge Road.

- 37—North Main, near Hose 3 House.
- 38—North Main and Forest.
- 39—North Main and Franklin.
- 4—Police call.
- 41—Village and Green.
- 412—Car barns, Willow Road.
- 42—Haven and John.
- 43—Salem and John.
- 44—Salem and Pearl.
- 45—Salem and Belmont.
- 46—Charles and Pearl.
- 47—Charles and Haverhill.
- 48—Pine near Salem.
- 5—Calls Ladder.
- 51—Main, Washington and Ash.
- 55—Reading Rubber Mills. (Private.)
- 6—O. H. Bangs Co. (Private.)
- 61—Lowell near Sanborn.
- 612—Bancroft Avenue and Locust.
- 63—Woburn and Sanborn.
- 64—Central Fire Station.
- 65—Middlesex and Bancroft Avenues.
- 67—Middlesex Avenue and High.
- 69—Mt. Vernon, opposite Chute.
- 8—Out of Town.
- 10—Brush Fire Signal.

INSTRUCTIONS

TO GIVE AN ALARM: Open door of box, pull down the hook once and LET GO. Remain at the box to direct firemen to fire.

TO GIVE AN ALARM BY TELEPHONE: Say to telephone operator, "Fire Department Emergency." Give fireman exact location of fire, street and street number and name of person calling.

L. T. EAMES, Supt. of Fire Alarm.

REPORT OF INSPECTOR OF WIRES

TO THE HONORABLE BOARD OF SELECTMEN:

GENTLEMEN—I respectfully submit herewith the annual report of the Inspector of Wires for the year ending December 31, 1915.

INTERIOR WIRING FOR LIGHT AND POWER

Number of buildings in process of construction which have been wired for light or power	32
Number of old buildings wired	46
Number of buildings which have been re-wired, or in which additional wiring has been installed .	40
Total number of inspection notices received from electrical contractors	119
Total number of inspections made	243

SUMMARY FOR FIVE YEARS

	1911	1912	1913	1914	1915	Total
New buildings wired	45	43	47	58	32	225
Old buildings wired	34	46	46	62	46	234
Re-wiring and additional wiring	58	14	51	48	40	211
Inspection notices received	137	103	144	153	119	656
Inspections made	103	121	173	225	243	865

OVERHEAD WIRES IN THE PUBLIC STREETS

The work of renewing defective poles and wires has been continued during the past year, but it has not been possible to complete all work in this connection which should be done. Arrangements have been made between the Municipal Light Board, the New England Telephone

and Telegraph Company and the Bay State Street Railway Company, covering the re-building of the pole lines on Haven Street, between Main and High Streets; Washington Street, between Main and Village Streets; West Street, between Oak Street and the Woburn line; Summer Avenue, between Main and Woburn Streets; Minot Street and Middlesex Avenue. The changes, as proposed, will result in the removal from the public streets of ninety-two (92) poles, and it is also planned to replace with new wire much of the old wire on the above streets. Undoubtedly similar work on other streets will be laid out during the coming year—to the end that the pole and wire systems may be put in as good condition as possible.

Respectfully submitted,

ARTHUR G. SIAS, Inspector of Wires.

Reading, Mass., Jan. 13, 1916.

REPORT OF BUILDING INSPECTOR

THE HONORABLE BOARD OF SELECTMEN, READING, MASS.:

GENTLEMEN—I respectfully submit herewith the annual report of the Inspector of Buildings for the year ending December 31, 1915.

Number of permits issued for the erection of new buildings	35	
Estimated value of the same		\$110,750
Number of permits issued for the alteration of existing buildings	19	
Estimated value of the same		12,350
There were reported in process of construction on Jan. 1, 1915, four houses of estimated value		20,000
Total value of construction		<hr/> \$143,100

It has been evident from time to time that the building code of the Town is deficient in some respects as it does not properly provide for many of the cases which arise and if strictly enforced would work a hardship in others. I would therefore recommend for your consideration the appointment of a committee to revise these laws.

I have kept a record of the points which have arisen in this respect and would be glad to submit them to such a committee with certain recommendations which would, I believe, make toward a more useful as well as effective building code.

I find in particular that a few slight changes in the building laws would bring Reading into a classification as regards fire insurance rates such as to lower the rates on all

property in town. It may be readily seen, therefore, that an early change in this respect is advisable.

I have been greatly assisted during the past year by the general desire of the owners and builders to cooperate with me on all questions of the building code and trust that such relations will continue.

Respectfully submitted,

ROBERT E. PARKER, Inspector of Buildings.

REPORT OF SEALER OF WEIGHTS AND MEASURES

TO THE HONORABLE BOARD OF SELECTMEN:

I submit my report as Sealer of Weights and Measures for the balance of the year 1915, from September 1st to December 31st, as follows:

	Adjusted	Sealed	Non-Sealed	Condemned
No. of scales over 5000 lbs.	0	0	0	0
No. of scales under 5,000 lbs.	1	1	1	0
No. of scales, small	0	0	0	0
No. of scales, spring balance	0	4	0	0
No. of scales, computing	1	1	0	0
No. of scales faulty	0	0	0	1
	<u>2</u>	<u>6</u>	<u>1</u>	<u>1</u>

	Adjusted	Re-sealed	Sealed	Condemned
No. of oil measuring pumps	1	1	1	0
No. of baskets	0	0	1	0
No. of liquid measures	0	0	12	1
	<u>1</u>	<u>1</u>	<u>14</u>	<u>1</u>

	No. Tests	Correct	Under	Over
Charcoal	8	8	0	0
Coke	4	4	0	0
Coal in bags	10	8	1	1
Coal in wagons	3	3	0	0
Grain and feed	2	2	0	0
Butter, prints	2	2	0	0
Butter, tub	1	1	0	0
Coffee	2	2	0	0
Potatoes, sweet	3	3	0	0
Sugar	7	7	0	0

Beans	4	4	0	0
Pork and lard	2	2	0	0
	<u>48</u>	<u>46</u>	<u>1</u>	<u>1</u>

No. inspections in stores					6
No. hawkers and pedlars' wagons					4
No. milk wagons					2
No. ice wagons					5
No. coal certificates					3
No. junk dealers					4
					<u>24</u>
No. of cases in court					1
No. of cases fined					0
No. of cases defaulted					1

Money received from sealing, \$3.91.

Respectfully submitted,

O. E. MELLE

Sealer Weights and Measures.

REPORT OF FOREST WARDEN

READING, MASS., January 26, 1916.

TO THE HONORABLE BOARD OF SELECTMEN:

I submit the following report of the Forest Warden for the year ending December 31, 1915:

Number of applications for permits to have fires in the the open (all of which were granted), 319.

Number of calls from observation tower (all of which were promptly investigated and reports sent back to tower), 115.

This department answered 53 calls for grass and brush fires, the largest number in any one year in its history.

I have investigated all fires and sent reports of the same to the State Forester.

In conclusion, I wish to thank the Chief of the Fire Department, also the two permanent men, Mr. Hugh Eames and Mr. William O'Brien, for courtesies extended this department during the past year.

H. E. McINTIRE, Forest Warden.

REPORT OF CEMETERY TRUSTEES

READING, MASS., January 22, 1916.

TO THE HONORABLE BOARD OF SELECTMEN AND CITIZENS OF
READING:

The Trustees of the Cemetery submit the following report:

Our efforts during the past year have been to keep the Cemetery in the very best of condition, that our citizens, when visiting it, can look upon it as a beautiful resting place for their departed loved ones, and can take their friends to it with a feeling of pride.

We again wish to call your attention to the improvement made last year in removing the ledge in the rear of the Old South Church. It was argued by some that we could never convert that place into a nice, green lawn which would be a credit both to the Cemetery and to the Town, and I trust that those who were skeptical will visit the place and judge for themselves.

This year we have made another improvement there, by exchange of lands with the Old South Society, which was a great benefit to both and added much to the beauty in that location.

We again appeal to all the citizens to put their lots in perpetual care. Any information in regard to that will be cheerfully given by the Superintendent.

Under the report of the Town Accountant you will find our financial report.

We recommend twelve hundred dollars (\$1200) for general maintenance the coming year.

Very respectfully,

A. W. DANFORTH, Supt. and Sec'y.
For the Trustees.

REPORT OF INSPECTOR OF ANIMALS

READING, MASS., Dec., 1915.

TO THE HONORABLE BOARD OF SELECTMEN:

I wish at this time to submit my report as Inspector of Animals for the year 1915.

While the animal inspection of each and every dairy, stable, and individual animal was not carried out this year on account of the prevalence of Foot and Mouth Disease in many sections, a strict lookout for any and all cases of contagious diseases has been kept and thoroughly investigated where cases were reported or suspected. At the present time I have just received word to proceed with the annual inspection which will be done at once.

While the number of animals in town is not as large as a few years ago, the duties called upon to be performed by the Inspector at the time of inspection and other and all times are greatly increased. Some twenty-seven questions are asked and answered about each stable, this to be made in duplicate. Next the certificate of health on the animals which is to be given or left at the place where animals are kept and a duplicate kept by the Inspector. If more than one stable is upon the same premises the work is doubled. Besides the clerical part a careful inspection of each individual animal has to be made.

If any improvements in the opinion of the Inspector should be made he suggests same and at the end of a short time makes another visit to see if such changes are made, and if satisfactory the sheet is O. K.

When one sees the Inspector upon his tour of inspection they may think it easy or a matter of red tape, but I

can and others ought to see considerable improvement in the general condition of the stock and stables where most of our milk supply in town is raised. They are trying to raise a clean, wholesome product at a living price and are generally ready to do anything within their means, as improvements, etc., when asked properly.

The Department of Animal Industry is doing considerable work upon the line of immunizing hogs against Hog Cholera, which has been one of the great drawbacks to the hog industry of the whole country. The work was instituted under the regime of Commissioner Walker and has been carried on to quite an extent by Commissioner Howard this year. The U. S. Bureau have done much along this line and it is hoped that soon Hog Cholera will be wiped out as clean in this country as Foot and Mouth Disease is at present.

It cost the U. S. Bureau for the outbreak of Foot and Mouth Disease in 1902 and 1908 over \$600,000, and the 1915 and 1916 loss was much greater. These figures do not include what each state paid or what was lost to each individual through quarantine, loss of business, etc. These are only two of the things which act as drawbacks to the livestock interests and which your Inspector has to be on the lookout for.

The list of contagious diseases which are classed for our inspection are Glanders, Farscey, Mange, Texas Fever, Contagious Pleura Pneumonia, Tuberculosis, Foot and Mouth Disease, Kinderpest, Hog Cholera, Rabies, Sheep Scab, Actinomicosis, Anthrax or Anthacoid Disease, so you will see that your Inspector is likely to want to see the whole animal family.

Yours very truly,

C. H. PLAYDON, M. D. V.

REPORT OF PUBLIC LIBRARY

The Trustees of the Public Library submit the following report:

ORGANIZATION OF THE BOARD

The Trustees organized at the beginning of the year, by the choice of Mr. Wadlin as Chairman and of Mr. Mansfield as Secretary.

EXPENSES OF THE LIBRARY

The receipts for the year were:

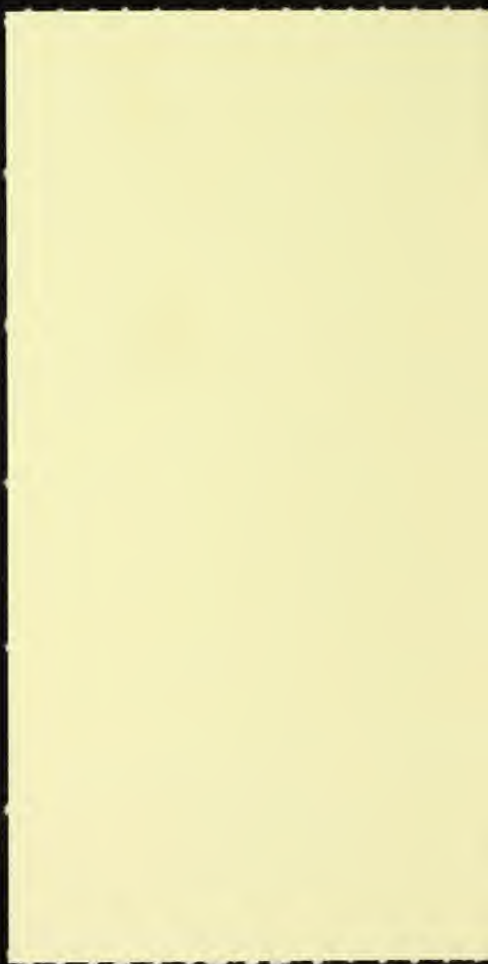
Appropriation, direct tax . . .	\$2,325 00
Proceeds of dog tax . . .	662 95
Receipts from fines, sales, etc. .	84 00
	<hr/>
	\$3,071 95

EXPENDED

Salaries (librarian, assistant and caretaker)	\$540 34
Books	487 51
Periodicals	79 73
Binding	53 95
Fuel	106 58
Care of heater	60 00
Lighting	27 54
Printing	50 70
*Rent	1,057 01
Minor supplies and expenses . . .	18 55
	<hr/>
	\$2,481 91
Balance unexpended	\$590 04

*This item includes taxes for 1915, \$229.60; and taxes of 1914 (paid during present year) \$227.41, both paid as part rent.





The appropriation for the year included the sum of \$500 on account of the replacement of library material lost in the fire of 1911, and in effect offsets money received from insurance which has been covered into the Treasury. Inasmuch as the erection of a new building is under consideration it has been thought best not to expend this at present, which accounts for the considerable sum unexpended at the close of the year. This unexpended balance of course returns to the treasury, and a similar amount will eventually be asked for by the Board. But it is not asked for in the appropriation requested for the coming year, as its expenditure will be deferred until the new building is completed.

PROPOSED NEW BUILDING

As reported upon fully during the year, a gift under the usual conditions has been promised to the Town by the Carnegie Corporation of New York, of \$15,000 to provide a building (exclusive of site) complete ready for occupancy, and the preliminaries have been arranged up to the point of preparation of building plans, which are now in progress under the direction of Adden & Parker, Architects. The Town has provided a site (on the Grouard lot with provision also for the acquisition eventually of the Brown lot) and it is our intention to advertise for proposals for erecting the building, as soon as the plans and specifications are completed.

ADDITIONS TO THE LIBRARY

At the close of the year 1914 the library contained 8,807 volumes, to which have been added by purchase during the year, 318; and by gift 44. The number of books worn out during the year and not yet replaced is 47. The number in the library at the close of the present year is therefore 9,122.

USE OF THE LIBRARY

The circulation for the year (books taken out for home use) was 25,668; the largest number circulated in any single month being 2,754, in March, and the smallest number

in any month being 1,702, in September. The librarian reports:

"The number of new borrowers registered during the year was 352. The circulation was 2,800 more than in 1914, this being a gain of a fraction over eight per cent. Some increase of circulation would naturally come with the growth of the Town, but this year it was caused in part by the story-hour for children. Upon the Saturday mornings in January, February and March, stories were told to children at the library. This work was in charge of a Committee of the Reading Woman's Club, co-operating with the librarian and assistant librarian. The stories were told by Reading school teachers and other friends of the Committee, who all kindly gave their services. The groups of children varied in number from 33 to 87, and came from the second, third, fourth, fifth, and sixth grades, each child in these grades having opportunity to attend at least three. This story-telling not only entertained the children and encouraged their reading of good books, but extended the knowledge of the library among the children and their parents, some of whom had not used it before." The librarian also reports the gift to the library of a complete set of the New York Independent, from Mrs. Amanda Muzzy; and acknowledges the loan of a set of photographs of Rome, from the Woman's Educational Association, of Massachusetts, which were placed on public exhibition in the library for five weeks.

ESTIMATES FOR 1916

The Trustees have submitted to the Town Accountant in due form a schedule of estimated requirements for the maintenance of the library during the ensuing year, as follows:

For rent	.	.	.	.	.	\$825 00
Salaries	.	.	.	.	.	575 00
Heat and light	.	.	.	.	.	250 00
Books and periodicals	.	.	.	.	.	500 00
Minor expenses (including book-binding)	.	.	.	.	.	250 00
						<hr/>
						\$2,400 00

To be provided as follows: Appropriation of dog tax (under statute) and other receipts, \$730; from tax levy (to be raised and appropriated) \$1,670.

CONCLUSION

In conclusion we desire to thank the librarian, Miss Bertha L. Brown, whose services in behalf of the library have never been measured merely by the salary received; and we also record our appreciation of the interest shown in the library by the Committee on Story-telling, of the Woman's Club.

Two vacancies are caused by the expiration of the terms of Mr. Wadlin and Dr. Edes. Dr. Edes has closed his connection with the Board on account of his absence from the Town at present, and for the same reason does not desire reelection. The vacancies should be filled at the annual town meeting.

Respectfully submitted,

HORACE G. WADLIN, Chairman

ARTHUR N. MANSFIELD, Secretary

FRANK C. CARTER

HARRY P. BOSSON

CHARLES F. DOUGHTY

Trustees.

Twenty-sixth Annual Report

OF THE

WATER COMMISSIONERS

For the Year Ending December 31

1915

OFFICERS OF THE WATER DEPARTMENT

Commissioners

HENRY R. JOHNSON, Chairman . . . Term expires 1916
HARVEY A. BANCROFT . . . Term expires 1917
EDGAR N. HUNT . . . Term expires 1918

Superintendent and Registrar

LEWIS M. BANCROFT

Superintendent of Pumping Station

FRANK F. STROUT

Fireman

GROVER EATON

OFFICE OF THE WATER BOARD

194 Main Street

OFFICE HOURS

8.30 to 11 A. M., 2 to 4 P. M., except Saturday

Saturday, 8.30 A. M. to 12 M., 7.30 to 9 P. M.

REPORT OF WATER COMMISSIONERS

TO THE CITIZENS OF READING :

The Board of Water Commissioners herewith submit their twenty-sixth annual report :

MAINTENANCE	
Received rent	\$81 00
Fines and summons	16 80
Paid pay roll	\$459 00
Superintendent and Registrar	1,400 02
Reading Municipal Light Board	4 35
Stamped envelopes and postage stamps	110 56
N. E. Tel. & Tel. Co.	64 31
Fire and Water Engineering	3 00
Engineering News	8 00
Engineering Record	3 00
Thorp & Martin Co.	28 00
W. E. & J. F. Twombly	30 00
Oliver Typewriter Co.	47 50
Reading Masonic Temple Corp.	54 00
Thomas Groom & Co.	24 00
G. H. Atkinson Co.	1 00
Moving safe	25 00
H. A. Shepard & Co.	4 00
Mechanics Savings Bank, rent	166 66
Cummings Express	62
Rawson & Evans, sign	13 00
Globe Wernicke Co.	47 25
Francis Bros.	2 70
The Bristol Co.	3 75

Union Safe Deposit Co.	.	.	\$10 00
Liability Insurance	.	.	62
Commissioners' Salaries	.	.	225 00
Car fares	.	.	26 66
Burglary Insurance	.	.	14 25
Sundries	.	.	13 97
Balance	.	.	\$2,692 42
			<hr/>
			\$2,790 22
			<hr/>
			\$2,790 22

MAINTENANCE OF PUMPING STATION

Received rent of house	.	.	.	\$180 00
Paid pay roll	.	.	.	\$1,948 42
Reading Municipal Light Board	.	.	.	12 10
N. E. Tel. & Tel. Co.	.	.	.	52 09
Braman, Dow & Co.	.	.	.	5 87
J. M. Maxwell, Jr.	.	.	.	23 34
W. N. Gray, repairs to roof	.	.	.	132 18
Eagle Oil & Supply Co.	.	.	.	69 97
Jenkins Bros.	.	.	.	23 96
The Fairbanks Co.	.	.	.	2 28
Crandall Packing Co.	.	.	.	7 13
Francis Bros.	.	.	.	32 12
Cummings Express	.	.	.	1 00
Henry J. Carroll	.	.	.	8 90
Geo. H. Atkinson Co.	.	.	.	9 85
Elliott Co.	.	.	.	7 08
Boston & Maine R. R.	.	.	.	114 82
Economy Lubricating Co.	.	.	.	2 00
E. E. Nichols, teaming	.	.	.	70 32
Bader Coal Co.	.	.	.	300 93
N. E. Coal & Coke Co.	.	.	.	337 92
Hodge Boiler Works	.	.	.	2 00
Woburn Machine Co.	.	.	.	54 72
P. N. Sweetser, teaming	.	.	.	84 97
N. E. Petroleum Co.	.	.	.	14 76
Town of North Reading	.	.	.	2 00

American Express . . .	\$ 15	
H. W. Johns Manville Co. . .	4 82	
Harold L. Bond Co. . .	50 00	
C. A. Clafin Co. . .	6 42	
W. F. Ohisholm . . .	9 00	
E. W. Hatch . . .	18 90	
Liability insurance . . .	32 61	
Buïlders' Iron Foundry . .	7 08	
M. F. Charles . . .	1 00	
Copper burrs . . .	74	
Car fares . . .	35	
Balance . . .		3,271 80
	<hr/>	<hr/>
	\$3,451 80	\$3,451 80

MAINTENANCE OF FILTERS

Paid pay roll . . .	\$1,036 00
Reading Municipal Light Board, power . . .	470 50
American Express . . .	89
Cummings Express . . .	58 65
Robert Spurr Weston . . .	65 37
Boston & Maine R. R. . .	137 18
W. B. Fonda . . .	270 00
A. D. Gordon . . .	4 25
G. H. Atkinson Co. . .	90
G. F. McDonald . . .	1 50
F. W. Hunt Co. . .	3 00
Grant Gear Works . . .	3 50
Eagle Oil & Supply Co. . .	19 30
Norwood Engineering Co. . .	182 67
Harrison Bros. & Co. . .	487 49
E. H. Chapin . . .	1 50
Eimer & Amend . . .	89
A. J. Wilkinson & Co. . .	2 04
D. W. Berry . . .	2 50
O. O. Ordway . . .	6 25
W. E. Clark & Co. . .	15 15

Clinton Wire Cloth Co. . . .	\$8 83	
Penolphtaline	40	
Taps and dies	1 13	
	<hr/>	\$2,779 89

MAINTENANCE OF METERS

Paid pay roll	\$626 50	
Batteries	5 52	
Harold L. Bond & Co. . . .	1 08	
Union Water Meter Co. . . .	10 50	
Eagle Oil & Supply Co. . . .	45	
Thompson Meter Co.	11 24	
G. F. McDonald	1 50	
Cummings Express	2 62	
Hersey Mfg. Co.	28 38	
National Meter Co.	18 00	
	<hr/>	\$705 79

MAINTENANCE OF SERVICE PIPES

Paid pay roll	\$43 50
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MAINTENANCE OF MAIN PIPE

Paid pay roll	\$135 13	
Chapman Valve Mfg. Co. . . .	33 97	
Eagle Oil & Supply Co. . . .	72	
Francis Bros.	1 55	
	<hr/>	\$171 37

INTEREST

Received interest on deposits . . .	\$73 04	
Received interest on bonds sold . .	3 22	
Hydrant rental	5,790 00	
Water for drinking fountains . . .	150 00	
From receipts for water	423 74	
Paid interest on bonds	\$6440 00	
	<hr/>	
	\$6,440 00	\$6,440 00

SERVICE PIPES

Received for pipes laid		\$750 21
Paid pay roll	\$1,165 42	
G. F. McDonald	208 50	
Braman, Dow & Co.	361 40	
Chapman Valve Mfg. Co.	15 94	
Tenney, Morse & Co.	12 29	
Chadwick-Boston Lead Co.	8 96	
Eagle Oil & Supply Co.	5 15	
E. M. Dart Mfg. Co.	41 40	
Harold L. Bond Co.	7 40	
American Express Co.	6 73	
Ware Coupling & Nipple Co.	19 31	
Francis Bros.	3 62	
L. M. Dickinson	24 80	
J. M. Cameron	5 90	
Cummings Express	4 90	
H. Mueller Mfg. Co.	223 88	
G. H. Atkinson Co.	1 35	
Boston & Maine R. R.	5 88	
A. D. Gordon	15 25	
Dr. W. J. Brown	2 00	
Dr. E. M. Halligan	2 00	
Walworth Mfg. Co.	15 10	
Antonio Michelini	137 06	
American Powder Mills	12 62	
Liability Insurance	183 96	
O. O. Ordway	37 15	
T. C. Fife	11 41	
Lead Lined Iron Pipe Co.	91 85	
Balance		\$1,881 02
	<hr/>	<hr/>
	\$2,631 23	\$2,631 23

MAIN PIPE

Paid pay roll	\$232 27
E. C. Hanscom	15 75

American Express Co.	\$ 71	
Cummings Express	2 60	
Donaldson Iron Works	873 74	
Chadwick-Boston Lead Co.	52 58	
Boston & Maine R. R.	16 16	
Walworth Mfg. Co.	26 07	
Water Works Equipment Co.	230 55	
G. F. McDonald	29 50	
Chapman Valve Mfg. Co.	181 09	
Braman, Dow & Co.	22 22	
Antonio Michelini	640 02	
Builders' Iron Foundry	25 21	
Liability insurance	15 00	
	<hr/>	\$2,363 47

METERS

Paid Hersey Mfg. Co.	\$124 00	
Cummings Express	1 25	
Pay roll	8 00	
H. Mueller Mfg. Co.	26 94	
The Meter Appliance Co.	31 50	
Neptune Meter Co.	82 00	
National Meter Co.	233 00	
Boston & Maine R. R.	1 50	
	<hr/>	\$508 19

ADDITIONAL SUPPLY

Paid Robert Spurr Weston	\$75 79	
E. N. Hughes	169 50	
	<hr/>	\$245 29

ARTESIAN WELL

Paid Trask Artesian Well Co.	\$280 00	
Braman, Dow & Co.	53 53	
Francis Bros.	1 95	
Pay roll	10 88	
Car fares	30	
	<hr/>	\$346 66

SUMMARY OF RECEIPTS AND EXPENDITURES

Cash balance from 1914	\$12 31
Bonds sold	1,020 50

Office rent and sundries	\$97 80	
House rent	180 00	
Interest	76 26	
Service pipes	750 21	
Meter rates	17,562 95	
Hydrant rent	5,790 00	
Water for drinking fountains	150 00	
Paid Maintenance	\$2,790 22	
Pumping Station maintenance	3,451 80	
Filter maintenance	2,779 89	
Meter maintenance	705 79	
Service pipe maintenance	43 50	
Main pipe maintenance	171 37	
Main pipe	2,363 47	
Service pipe	2,631 23	
Meters	508 19	
Interest	6,440 00	
Bonds	3,000 00	
Additional supply and well	591 95	
Cash on hand	162 62	
	<u>\$25,640 03</u>	<u>\$25,640 03</u>

COST OF PLANT

Reported last year	\$354,382 19
Main pipe	2,363 47
Service pipe	1,881 02
Meters	508 19
Additional supply	591 95
	<u>\$359,726 62</u>

The Board recommends that \$5,940 be raised and appropriated for hydrant rental, that \$300 be raised and appropriated for water for drinking fountains, and that \$300 be raised and appropriated for water for street sprinkling.

The interest payable the current year amounts to \$6,060, as follows:

\$145,000 bonds for twelve months . . .	\$5,800 00
\$13,000 bonds for six months . . .	260 00
	<hr/>
	\$6,060 00

We beg to report that we have laid main pipe as follows: 741 feet on Pine Street, 39 feet on Pearl Street, 177 feet on Winthrop Avenue, 224 feet on Western Road, 360 feet on Hanscom Avenue. We have added five hydrants. This work was done by contract.

At the March meeting, 1915, the Board of Water Commissioners asked authority to engage an engineer in regard to increasing our water supply and settling basins. We engaged Mr. Robert Spurr Weston, an engineer who has advised with us for some years and who is well acquainted with the Town water. After looking the ground over he advised us to drive a well near our supply to ascertain the quantity and quality of the water under the hard pan which is beneath the surface.

For this purpose we engaged Mr. E. F. Hughes of Watertown, Mass., who has had a great deal of experience in driving wells. Mr. Hughes commenced work on June 28, 1915, but on account of the surface water caused by the wet spell he was obliged to discontinue work until August 26, 1915. He finished Sept. 4, 1915. He tried seven times and could only drive from 22 to 25 feet on account of boulders. We decided it was a waste of time and money to continue in this way.

We then got in touch with Mr. Trask of the Trask Artesian Well Co. After looking the ground over, Mr. Trask was so positive that he could drill an eight-inch well that would yield 50,000 gallons per day of twenty-four hours, that we made a contract with him. The result was that at a depth of 267 feet the water came so fast that it was pumped for twenty-four hours without lowering it to the 60-foot depth. We then pumped for thirty-six hours at a rate of more than 50,000 gallons per day of twenty-four hours. At the end of this pumping we collected a sample and sent it to the State Board of Health for analysis, which we submit to you, as follows:

COMMONWEALTH OF MASSACHUSETTS -- STATE DEPT. OF HEALTH

WATER ANALYSIS -- (PARTS IN 100,000)

No.	Date of Collection	APPEARANCE			Residue on Evaporation		AMMONIA		Chlorine	NITROGEN AS		Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color			Free	Albu- mi- noid		Ni- trates	Ni- trites			
128556	1915 Dec. 30	Slight	Very slight	.00	12.70	.0010	.0066		.22	.0000	.0000	.0000	2.7	.043

New Deep Well

We are now looking up a pump with which to pump this well into our clear water basin, as we feel that the well should be pumped for several weeks before we can accurately estimate the quantity and quality of the water.

At the present time this well flows about 800 gallons per day over the pipe, which is one foot above the ground, and the water looks so good that we do not think it is advisable to go to any expense with the settling basin we spoke about last year. As soon as we are positive as to the quantity and quality of this water we will come to you with recommendations.

HENRY R. JOHNSON

EDGAR N. HUNT

HARVEY A. BANCROFT

Water Commissioners.

REPORT OF WATER REGISTRAR

Amount of bills rendered in 1915	\$18,168 98	
Amount collected and paid Treasurer	\$17,179 07	
Amount uncollected	961 14	
Amount abated	28 77	
	<hr/>	<hr/>
	\$18,168 98	\$18,168 98
Amount of bills of previous years uncollected		1,281 89
Amount collected and paid Treasurer	383 88	
Amount uncollected	863 80	
Amount abated	34 21	
	<hr/>	<hr/>
	\$1,281 89	\$1,281 89
Amount of service pipe bills rendered in 1915		685 92
Amount of service pipe bills rendered in previous years uncollected		536 00
Amount collected and paid Treasurer	750 21	
Amount uncollected	440 25	
Amount charged off	31 46	
	<hr/>	<hr/>
	\$1,221 92	\$12,21 92

LEWIS M. BANCROFT, Registrar.

SUPERINTENDENT'S REPORT

READING WATER COMMISSIONERS:

GENTLEMEN—The twenty-sixth annual report of the Superintendent is submitted for the year ending December 31, 1915.

The extension of mains has been 1894 feet of six inch pipe as follows: Winthrop Avenue 177 feet; Weston Road 224 feet; Hanscom Avenue 360 feet; Pine Street 741 feet; Highland Road 353 feet; Pearl Street 39 feet. Five hydrants have been set, one on Main Street, one on Highland Road, one on Winthrop Avenue, one on Hanscom Avenue and one on Pine Street. Nine gates have been set.

All hydrants have been inspected and put in good repair.

SERVICE PIPES

Thirty-nine services have been put in during the year and one discontinued, making 1,660 in the system.

Three service leaks have been repaired.

PUMPING STATION

The boilers and pumps are at present time in good repair. The store house roof will need shingling soon and the house should be painted. The filters are being thoroughly cleaned and put in good condition.

KINDS AND SIZES OF METERS IN USE

No.	NAME	SIZES					
		2 in.	1½ in.	1¼ in.	1 in.	¾ in.	½ in.
84	Crown.....	4	1	.....	1	2	76
969	Nash.....	.....	4	.....	6	5	954
201	Empire.....	1	.....	.....	.....	1	199
1	Gem.....	1	.....	.....	.....	.....	.....
41	Lambert.....	.....	.....	.....	2	.....	39
11	Thompson.....	.....	.....	.....	1	.....	10
6	Worthington.....	.....	.....	.....	.....	.....	6
173	Hersey.....	1	7	.....	9	.....	153
37	Neptune.....	.....	.....	.....	.....	.....	37
8	Union.....	3	.....	.....	1	.....	4
5	King.....	.....	.....	.....	.....	.....	5
19	Columbia.....	.....	.....	.....	.....	.....	19
0	Niagara.....	.....	.....	.....	.....	.....	.....
9	Keystone.....	.....	.....	8	.....	.....	1
1564		10	12	8	20	8	1506

YEARLY RECORD OF PUMPING SERVICE

FROM JAN. 1, 1915, TO JAN. 1, 1916

MONTH	No. Days	Hrs.	Min.	Gallons Pumped	Total Head	Pounds Coal	Rain- fall
January.....	31	251	30	6,797,640	219	43,439	5.52
February.....	28	226	..	5,999,937	.....	38,477	3.52
March.....	31	276	15	7,068,530	.....	50,178	0.00
April.....	30	257	..	6,620,848	.....	37,126	2.72
May.....	31	249	..	6,892,757	.....	47,641	1.68
June.....	30	304	15	8,074,037	.....	60,793	4.60
July.....	31	272	30	7,180,422	.....	55,596	8.76
August.....	31	257	30	6,428,045	.....	35,589	6.66
September.....	30	287	..	7,023,948	.....	37,941	.70
October.....	31	249	..	6,594,757	.....	38,129	2.80
November.....	30	243	..	6,475,095	.....	36,917	2.93
December.....	31	264	30	6,721,213	.....	39,999	5.47
	365	3,136	30	81,877,229	219	521,825	45.38

TABLE SHOWING CONSUMPTION IN GALLONS FOR VARIOUS PURPOSES, 1915

Domestic use, manufacturing and trade purposes, metered	48,234,750
Domestic use, unmetered (estimated)	6,700,000
Drinking fountains (estimated)	2,000,000
Street sprinkling (estimated)	5,000,000
<hr/>	
Total accounted for	61,934,750
Amount unaccounted for	19,942,479
<hr/>	
Total pumped	81,877,229
Percentage of water pumped accounted for . . . . .	.75
Percentage of water pumped unaccounted for . . . . .	.25
Percentage of water pumped metered . . . . .	.59

COST OF MAINTENANCE AND REVENUE

	Amount	Cost per 1000 gallons pumped
Interest on bonds	\$6,440 00	.078
Management and repairs	3,710 88	.045
Pumping Station maintenance	4,451 80	.042
Filter maintenance	2,779 89	.034
<hr/>		
		Received per 1000 gallons pumped
Receipts from water takers	\$17,601 91	.215
Total receipts	24,607 42	.30

TABLE SHOWING AMOUNT OF RAIN AND MELTED SNOW FOR YEAR ENDING DEC. 31, 1915

Day of Month	January	February	March	April	May	June	July	August	September	October	November	December	Day of Month
1	.01	1.19					2.36	.06		.05			1
2		.27			.21		.12	.25		1.06		.01	2
3				.77			.23	.02			.02		3
4								2.65			.15		4
5		.31					.51	.03		.38	.44		5
6	.51			.20		.43		.03					6
7		.11			.33		.09			.50			7
8						.01	2.53					.48	8
9							.32	.77					9
10								.12					10
11	.15			.20			.15						11
12	1.62						.03	.65			.05		12
13	.12				.47				.01			1.50	13
14		.13								.09	.44		14
15		.54				.06				.28	.20		15
16		.54		.21		.50			.15				16
17	.47				.19	.20	.03	.02				.29	17
18	.82								.05			1.30	18
19							.24				1.36		19
20						.34	.07			.31			20
21					.30				.48				21
22								1.70					22
23	.58	.05									.01	.33	23
24		.52						.16			.05		24
25	.78	.42				.15				.13		.58	25
26					.18	.01	.13		.01			.13	26
27	.02						.01					.05	27
28							.43	.04				.19	28
29							.06	.11			.21	.59	29
30				1.34		2.90	.05	.05					30
31	.44						1.40					.02	31
	5.52	3.54	0.00	2.72	1.68	4.60	8.76	6.66	0.70	2.80	2.93	5.47	

The average rainfall for Massachusetts, as deduced by the State Board of Health from long continued observations in various parts of the State, is 44.73 inches. The rainfall at Reading Pumping Station in 1915 was 45.38 inches, making an excess of .65 inches. There was an excess of rainfall in the months of January, June, July, August and December of 12.40 inches, and a deficiency in the other seven months of 11.75 inches. The greatest excess occurred in July, 5.02 inches; the greatest deficiency occurred in March, 3.94 inches, there being no rain or snow during that month.

COMMONWEALTH OF MASSACHUSETTS—STATE DEPT. OF HEALTH
WATER ANALYSIS—(PARTS IN 100,000)

No.	Date of Collection	APPEARANCE			Residue on Evaporation	AMMONIA		Chlorine	NITROGEN AS		Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color		Free	Alb- imi- noid		Ni- trates	Ni- trites			
1915													
122313	Feb. 23	Slight iron	Cons. iron	Fil.	.05	.0250	.0116	3.90	.0060	.0007	.26	9.0	Filter Gallery
122314	Feb. 23	None	None		.06	.0006	.0034	3.90	.0120	.0005	.13	12.8	Filter Weir
122373	Apr. 20	Decided iron	Cons. iron	F. trn.	.22	.0234	.0132	2.70	.0180	.0000	.42	4.6	Filter Gallery
123274	Apr. 20	None	Very slight		.11	.0008	.0102	2.75	.0260	.0005	.21	10.0	Filter Weir
124351	June 15	Decided iron	Cons. iron	Fil.	.62	.0314	.0150	3.40	.0120	.0000	.50	3.0	Filter Gallery
124352	June 15	None	None		.27	.0004	.0108	3.65	.0300	.0010	.40	10.2	Weir
125305	Aug. 19	Decided iron	Cons. iron		2.00	.0274	.0410	1.70	.0000	.0000	.00	3.4	Filter Gallery
125306	Aug. 19	Very slight	None		.74	.0002	.02 0	1.80	.0000	.0000	.00	13.3	Filter Weir
127166	Oct. 19	Decided iron	Cons. iron	Fil.	1.00	.0400	.0220	2.70	.0040	.0000	.00	2.5	Filter Gallery
127167	Oct. 19	None	None		.23	.0004	.0128	2.60	.0100	.0007	.00	13.2	Filter Weir
128383	Dec. 21	Decided iron	Cons. iron		.65	.0262	.0170	2.04	.0080	.0000	.00	3.8	Filter Gallery
128384	Dec. 21	None	Very slight		.20	.0014	.0114	2.07	.0180	.0005	.00	10.6	Filter Weir

SUMMARY OF STATISTICS

FOR THE YEAR ENDING DECEMBER 31, 1915

In form recommended by the New England Water Works
Association

READING WATER WORKS

READING, MIDDLESEX COUNTY, MASSACHUSETTS

GENERAL STATISTICS

Population by Census of 1915, 6,805.

Date of construction, 1890 and 1891.

By whom owned, Town of Reading.

Source of supply, filter gallery.

Mode of supply (whether gravity or pumping), pumping.

PUMPING STATISTICS

1. Builders of pumping machinery, George F. Blake Manufacturing Co. and Platt Iron Works.
2. Description of fuel used

{	<ol style="list-style-type: none"> <i>a</i> Kind, coal <i>b</i> Brand of coal, New River <i>c</i> Average price of coal per gross ton, delivered, \$5.23 <i>d</i> Percentage of ash, <i>e</i> Wood, price per cord, \$
---	---
3. Coal consumed for the year, 521,825 lbs.
4. [Pounds of wood consumed] divided by three equals equivalent amount of coal lbs.
- 4^a Amount of other fuel used
5. Total equivalent coal consumed for the year equals (3) plus (4) lbs.
6. Total pumpage for the year, 81,877,229 gallons, with allowance for slip.

7. Average static head against which pumps work, 219.
8. Average dynamic head against which pumps work, 240.
9. Number of gallons pumped per pound of equivalent coal (5), 160.
10. Duty equals $\frac{\text{gallons pumped (6)} \times 8.34 \text{ (lbs.)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5)}}$
equals 31,410,360.

Cost of pumping, figured on pumping station expenses, viz:
\$3,271.80.

11. Per million gallons pumped, \$39.83.
12. Per million gallons raised one foot (dynamic), \$0.16.

FINANCIAL STATISTICS

RECEIPTS		EXPENDITURES	
<i>Balance brought forward:</i>		<i>Water Works Maintenance:</i>	
(a) From ordinary (main-tenance) receipts .	\$12 31	A A. Operation (manage-ment and repairs) \$9,942 57	\$9,942 57
(b) From extraordinary receipts (bonds, etc.)		Q C. Total maintenance	6,440 00
Total . . .	\$12 31	DD. Interest on bonds .	16,382 57
<i>From Water Rates:</i>		EE. Payment of bonds .	3,000 00
A. Fixture rates		<i>Water Works Construction:</i>	
B. Meter rates . . \$17,562 95		GG. Extension of mains	2,363 47
O. Total from consumers	\$17,562 95	HH. Extension of services	2,631 23
D. For hydrants . . 5,790 00		II. Extension of meters	508 19
E. For fountains		JJ. New supply . .	591 95
F. For street watering .	150 00	KK. Total construction .	6,094 84
J. Total from municipal departments . .	5,940 00	MM. Balance . . .	162 62
L. From bond issue .	1,020 50	(aa) Ordinary	
M. From other sources:		Total balance	
Rent, interest, etc. .	354 06		
Service pipes . .	750 21		
Appropriation			
N Total . . .	\$25,640 03	N Total . . .	\$25,640 03

DISPOSITION OF BALANCE—CARRIED TO NEW ACCOUNT

O. Net cost of works to date	\$359,765 78
P. Bonded debt at date	158,000 00
Q. Value of Sinking Fund to date	
R. Average rate of interest, 4 per cent.	

STATISTICS OF CONSUMPTION OF WATER

1. Estimated total population at date, 6,805.
2. Estimated population on lines of pipe, 6,725.
3. Estimated population supplied, 6,700.
4. Total consumption for the year, 81,877,229 gallons.
5. Passed through meters, 48,234,750 gallons.
6. Percentage of consumption metered, .59.
7. Average daily consumption, 224,321 gallons.
8. Gallons per day to each inhabitant, 32.9.
9. Gallons per day to each consumer, 33.5.
10. Gallons per day to each tap, 135.
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC), \$121.42.
12. Total cost of supplying water, per million gallons, figured on total maintenance, plus interest on bonds, \$200.08.

STATISTICS RELATING TO DISTRIBUTION SYSTEM

MAINS

1. Kind of pipe, cast iron.
2. Sizes, from 6 inch to 12 inch.
3. Extended, 1894 feet during year.
4. Discontinued, 0 feet during year.
5. Total now in use, 32.9318 miles.
6. Cost of repairs per mile, \$5.21.
7. Number of leaks per mile, 0.
8. Length of pipes less than 4 inches in diameter, 0 miles.
9. Number of hydrants added during year (public and private), 5.
10. Number of hydrants (public and private) now in use, 198.
11. Number of stop gates added during year, 9.
12. Number of stop gates now in use, 303.
13. Number of stop gates smaller than 4 inch, 0.
14. Number of blow-offs, 14.
15. Range of pressure on mains, 45 lbs. to 90 lbs.

SERVICES

16. Kind of pipe, cast iron, lead and cement lined.
17. Sizes, 3-4 to 6 inches.
18. Extended, 3437.5 feet.
19. Discontinued, 52.5 feet.
20. Total now in use, 25.1266 miles.
21. Number of service taps added during year, 38.
22. Number now in use, 1660.
23. Average length of service, 1915, 90.4 feet.
24. Average cost of service for the year.
25. Number of meters added, 52.
26. Number now in use, 1564.
27. Percentage of services metered, 93.5.
28. Percentage of receipts from metered water (B) divided
by (O)
29. Number of motors and elevators added, 0.
30. Number now in use, 0.

LEWIS M. BANCROFT, Superintendent.

Twenty-first Annual Report

OF THE

Electric Light Commissioners

For the Year Ending December 31

1915

OFFICERS OF THE ELECTRIC LIGHT AND POWER DEPARTMENT

Commissioners

CARL M. SPENCER, Chairman	.	Term expires 1917
GEORGE L. FLINT, Secretary	.	Term expires 1918
FRANK E. CRAFTS	.	Term expires 1916

Manager

ARTHUR G. SIAS

Office

179 MAIN STREET, Y. M. C. A. BUILDING

REPORT OF THE ELECTRIC LIGHT AND POWER DEPARTMENT

TO THE CITIZENS OF READING:

The Municipal Light Board of the Town of Reading herewith submit their annual report, together with the report of the manager, with summaries of accounts and statistics. There is also appended a report from John A. Stevens, engineer, covering the boiler situation at the station.

In our opinion, the several reports and tables disclose a very satisfactory condition of affairs in the Department. The members of the Board and the Manager stand ready to answer any question with regard to them, and invite inquiry and criticism as to any detail of the operation of the Plant or its service to the Town or individual consumer.

OPERATIONS FOR THE YEAR

In the maintenance and operation of the Plant, no unusual event or unforeseen difficulty has occurred during the year. In this connection it will be interesting to note in what respects the results have differed from the estimate made by the Manager at the beginning of the year. The comparison follows:

EXPENDITURES		Estimate	Result
Operation, maintenance and repairs		\$34,786 19	\$36,352 93
Interest on bonds and notes		4,408 13	4,640 42
Depreciation		6,972 28	6,972 28
Bond and note payments		9,500 00	9,500 00
Loss in preceding year		4,950 32	4,950 32
Bad debts			317 71
		<hr/>	<hr/>
		\$60,616 92	\$62,733 66

INCOME

From sales to private consumers	\$48,916 92	\$51,603 32
From miscellaneous items . . .	700 00	640 25
	<hr/>	<hr/>
	\$49,616 92	\$52,243 57
Appropriation	11,000 00	11,000 00
	<hr/>	<hr/>
	\$60,616 92	\$63,243 57

Apparent gain as defined by Statute, \$509.91.

The above table explains the requirement placed upon the Manager by law, in the preparation of his yearly budget. In a word, it is that he shall ask the Town for an appropriation which will bring the Department out even at the end of the year. In 1915, the results were somewhat better than anticipated, and there was a gain over his estimate as shown.

NEW CONSTRUCTION

The most important item of new construction during the year was the extension of the lines in Wilmington. The particulars of this are given in the Manager's report. It would seem that all the territory in the outside towns likely to be reached by electric light extensions is now nearly covered, and that further new construction in them would be limited to adding services to existing lines. A new customer in Wilmington has been the Lowell Electric Light Corporation which now buys a limited amount of current at the Tewksbury and Billerica town lines for distribution in those towns.

The growth of the Department during recent years is best shown by the following comparison:

Number of customers December 31 of each year from 1909 to 1915:

1909	1910	1911	1912	1913	1914	1915
685	738	888	1078	1363	1390	1599

NORTH READING CONTRACT

Acting under authority granted by the Town, the Board has renewed the street lighting contract with the Town of North Reading for a period of five years from December 1, 1915.

THE BOILER PLANT

The most pressing need of the Department for the coming year is that of a new boiler at the station. It is a question of only a short time when one, at least, of the oldest boilers will have to go out of service, and it is certainly advisable to install its substitute as soon as possible. The Plant might be placed in a serious predicament if the old boiler was condemned on short notice. That part of the report of Mr. Stevens which covers the installation of the new boiler, calls for an expenditure of \$3630. We believe that the amount necessary to provide for this purpose may be considerably reduced from that total by the employment of the station force on some parts of the work of installation. The balance required is included in the amount for which the Manager asks, in his budget, for new construction. The other estimates given in the Engineer's report apply to necessities which will arise later as the business grows.

FUTURE GROWTH

The future growth of the Department is inevitable. Not only will there be extensions of the lines as the Town develops, but also there will be a corresponding increase in the boiler and power capacity required at the station. The Engineer's report outlines the method by which the demand for more steam should be handled, while the gratifying success of the turbine recently installed in the engine room points out how, when the time comes, the second requirement may be met.

With regard to this matter there have been many inquiries from citizens as to the advisability of shutting down the Plant and buying current from the Edison Com-

pany, or some other large producer. We understand that the Finance Committee is to inquire into this, and that there will be a report covering it submitted to the citizens. The present manufacturing costs, as shown in this report, speak for themselves. When the approximate price of purchased current has been arrived at, it should be a simple matter of comparison to determine the more advantageous method. Outside of cost, however, there might still remain certain matters of policy and service having an important bearing on the decision.

The Municipal Light Board takes this opportunity to thank the employes of the Department for their cooperation and interest in the successful conduct of its affairs. They are engaged in an exacting form of public service. We gladly testify to the efficiency with which they carry on the daily work, and the excellent spirit with which they meet emergency demands. They form a splendid organization, working unitedly to the end that Reading shall have a Light Department of which its citizens may be proud.

CARL M. SPENCER

GEORGE L. FLINT

FRANK E. CRAFTS

Municipal Light Board.

MANAGER'S REPORT

TO THE MUNICIPAL LIGHT BOARD, READING, MASS.:

GENTLEMEN—I respectfully submit my report showing the results of the operation of the Electric Light and Power Department for the year ending Dec. 31, 1915.

Notwithstanding the fact that the kilowatt output was decreased considerably on account of losing the Wakefield business, the total kilowatt hours generated for 1915 are very near the 1914 figures. The amount of current sold to Wakefield in 1914 was 105,758 kilowatt hours, but the decrease in the amount of current sold in 1915 over 1914 was only 27,575 kilowatt hours, showing that we made a substantial gain in sales.

The increase in earnings over the previous year has been \$1803.57 in spite of the fact that we reduced the lighting rate at the beginning of the year, and the increase in operating expenses has only been \$857.03.

The actual receipts and expenditures as compared with the estimate at the beginning of the year agrees very closely, there being a gain of \$509.91.

The following additions to the connected load have been made during the year: Lynnfield—19 street lights and 12 commercial customers; North Reading—4 street lights and 17 commercial customers; Wilmington—121 street lights and 71 commercial customers; and Reading—44 street lights and 109 commercial customers.

Considerable credit for the large increase in the number of commercial customers can be attributed to the efforts of the solicitor whom we employed about three months dur-

ing the early fall. As a direct result of his efforts we have connected 22 customers, principally in Reading and Wilmington.

New street lights have been added in Reading on the following streets: Clute Street, Copeland Avenue, Deering Street, Echo Avenue, Fairview Avenue, Grove Street, High Street, Haven Street, Hancock Street, Hopkins Street, John Street, Locust Street, Main Street, Mineral Street, Pratt Street, Prescott Street, Sanborn Street, Salem Street, Village Street, Summer Avenue and West Street.

The total number of lamps now installed on the streets of Reading is 507. The total hours burning on the center circuit, which burns all night and every night, has been 3,781 hours, the remaining circuits having burned 3,116 hours.

The extensions in Wilmington and Lynnfield Center were not completed until late in the summer so that we only have a small portion of the annual earnings to our credit this year: in fact, a portion of the work in Wilmington which was to be done by the Telephone Company has not yet been completed, and we anticipate a bill from them estimated to be \$1488.95.

Satisfactory arrangements have been made with the New England Telephone and Telegraph Company and the Bay State Street Railway Company covering the rebuilding of pole lines on Washington, Minot, Haven and West Streets, and Middlesex Avenue and Summer Avenue, and we hope to commence work on some of these streets at an early date. It was planned to have the Summer Avenue line rebuilt during this year but we were unable to make satisfactory arrangements in season to do the work. The above work will entail some additional expense in the repair account for the coming year and I have increased the estimate accordingly. I believe, however, that the results on account of the decreased number of poles, and the better and safer line construction, will be much appreciated by everyone, as over 90 poles will be removed from the public streets.

I recommend the purchase of a Ford truck to be used in the line work in place of one of the teams. This has been tried out by the Peabody Electric Light Plant with good success and it would be even more advantageous for us with our outlying territory as considerable time is spent on the road. The cost of such a truck would not exceed \$700.00.

In the near future I believe it would be wise to purchase an electric truck for the heavy work, but I do not recommend it this year.

I recommend the installation of one new boiler at the Plant during the coming year so that we may safeguard the service in case one of the old boilers has to be abandoned during the year.

I also want to recommend at this time a reduction in the heating and cooking rate, as I believe that with a slightly lower rate much additional business of this nature can be obtained.

The records at the office show that the following appliances have been sold during 1915: 185 flat irons, 36 toasters, 16 grills, 5 ranges, 4 washing machines, 12 vacuum cleaners, 11 heating pads, 6 radiators, 10 sewing machine motors, 11 table lamps, 5 chafing dishes, 3 percolators, 4 hair dryers, 3 vibrators, 3 water heaters, 4 curling irons, 2 shaving mirrors, 2 motors, 1 electric sign, 1 fan, 1 motor generator set, 1 violet ray set, 1 hot plate. We have also connected 43 motors for various purposes, totalling 68.83 H. P.

The following tables show data from the records at the office followed by the financial report and estimate for 1916.

LYNNFIELD EXTENSION

Total number of customers Dec. 31, 1915 . . .	82
Total commercial lamps in 40 watt units . . .	566
Total commercial lamps in 50 watt units . . .	969
Total number of 32 candle street lamps connected . . .	83
Total horse power in motors	21
Total investment to Dec. 31, 1915	\$11,445.36
Total earnings for the year	\$2,566.00

NORTH READING EXTENSION

Total number of customers Dec. 31, 1915 . . .	107
Total commercial lamps in 40 watt units . . .	759
Total commercial lamps in 50 watt units . . .	1,006
Total number of 32 candle street lamps connected	215
Total horse power in motors	28.5
Total investment to Dec. 31, 1915	\$25,856.37
Total earnings for the year	\$5,950.74

WILMINGTON EXTENSION

Total number of customers Dec. 31, 1915 . . .	195
Total commercial lamps in 40 watt units . . .	1,213
Total commercial lamps in 50 watt units . . .	1,301
Total number of 32 candle street lamps connected	376
Total horse power in motors	41.05
Total investment to Dec. 31, 1915	\$41,183.56
Total earnings for the year	\$8,169.68

TABLE SHOWING DATA FROM RECORDS OF THE PLANT

Kilowatt hours manufactured	980,688
Kilowatt hours used on street lights	156,505
Kilowatt hours sold to Reading consumers . . .	428,838
Kilowatt hours sold to North Reading consumers	44,633
Kilowatt hours sold to Lynnfield consumers . .	16,673
Kilowatt hours sold to Wilmington consumers .	58,463
Kilowatt hours used at station and office . . .	10,403
Kilowatt hours unaccounted for	265,173
Coal used, tons	2,052
Average cost of coal per ton	\$4.088
Incandescent lamps renewed free	3,618
60-candle power Tungsten street lamps installed	44
40-candle power Tungsten street lamps installed	144
New poles added	636
Old poles renewed	48
Feet of wire added	295,685
Feet of wire renewed	16,711
Incandescent lamps connected in 40 watt units .	1,864
Incandescent lamps connected in 50 watt units .	1,544

Motors connected	43
New services installed	186

CONNECTED LOAD DECEMBER 31, 1915

Total number of customers	1,599
Total incandescent lamps in 40 watt units (approximate)	11,190
Total incandescent lamps in 50 watt units (approximate)	14,829
Total horse power in motors	381
Total number of Tungsten street lamps	1,181

MANUFACTURING COSTS PER K. W. H. BASED ON TOTAL K. W. H.
DELIVERED AT SWITCHBOARD

	1909	1910	1911	1912	1913	1914	1915
Fuel . . . . .	.0106	.0086	.0077	.0091	.0101	.0092	.0085
Labor . . . . .	.0088	.0075	.0069	.0071	.0070	.0082	.0087
Other station expenses . . . . .	.0054	.0026	.0021	.0027	.0020	.0017	.0013
Total costs . . . . .	.0248	.0187	.0167	.0189	.0191	.0191	.0186

K. W. H. delivered at
switchboard:

609,290	698,597	771,011	919,282	1,045,592	986,476	980,688
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TABLE SHOWING EARNINGS OF LIGHT AND POWER FOR
FIVE YEARS

		LIGHTS				
		1911	1912	1913	1914	1915
Total		\$30,217.13	\$31,772.66	\$39,472.00	\$44,496.50	\$47,436.24
Discount		4,190.06	2,861.18	3,365.99	3,404.39	3,326.87
Net		\$26,027.07	\$28,911.48	\$36,106.01	\$41,092.11	\$44,109.37
		POWER				
Total		\$5,312.91	\$8,321.36	\$8,639.16	\$8,783.49	\$7,593.13
Discount		22.58	60.91	80.47	75.85	99.18
Net		\$5,290.33	\$8,260.45	\$8,558.69	\$8,707.64	\$7,493.95

NET TOTAL LIGHT AND POWER

\$31,317.40	\$37,171.93	\$44,664.70	\$49,799.75	\$51,603.32
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SUMMARY OF CASH RECEIPTS AND EXPENDITURES FOR THE YEAR

DR.

Balance Dec. 31, 1914	\$1,532 85
Appropriation for bond payments	7,000 00
Appropriation for note payments	2,500 00
Appropriation for interest	1,500 00
Receipts from customers	54,298 07
Interest received	172 34
Sundry receipts	1,776 36
Proceeds Wilmington construction notes	12,000 00
Proceeds notes for construction	4,000 00
	<hr/>
	\$84,779 62

CR.

Cash paid for construction	\$16,236 26
Cash paid for bonds	7,000 00
Cash paid for notes	2,500 00
Cash paid for interest	4,640 42
Cash paid for Commissioners' salaries	225 00
Cash paid for maintenance accounts	50,427 10
Cash paid for insurance	831 03
Cash paid for taxes	212 20
	<hr/>
	\$82,072 01
Balance Dec. 31, 1915	2,707 61
	<hr/>
	\$84,779 62

OPERATIONS FOR TWELVE MONTHS ENDING DECEMBER 31, 1915

EXPENSE

MANUFACTURE:

Fuel	\$8,390 60
Oil and waste	176 95
Water	26 24
Station wages	8,535 48
Repair of real estate	25 62
Repair of steam plant	799 03

Repair of electric plant . . .	\$38 03	
Station tools and appliances . .	300 83	
	<hr/>	\$18,292 78
DISTRIBUTION :		
Distribution wages	\$1,732 20	
Renewal and repair of lines, lamps and meters	3,792 91	
Incandescent lamps	3,187 96	
Distribution tools and appliances .	219 45	
Stable and auto expenses	1,397 31	
	<hr/>	\$10,329 83
MISCELLANEOUS EXPENSES :		
General salaries	\$3,777 00	
Board expenses	15 00	
Commissioners' salaries	225 00	
General office expenses	1,268 11	
Rent of office and stock room . .	435 00	
Advertising and printing	196 96	
Insurance	1,499 10	
Taxes	212 20	
Pole line rental	101 95	
	<hr/>	\$7,730 32
		<hr/>
		\$36,352 93
Gain in operating		15,250 39
		<hr/>
		\$51,603 32
INCOME		
Commercial light, less discount . .	\$10,365 35	
Domestic light, less discounts . .	25,027 87	
Commercial power, less discounts .	6,972 01	
Power sold to Water Works	501 30	
Power sold to Wakefield	13 68	
Power sold to Lowell Electric Light Corporation	6 96	
Lighting Municipal buildings . . .	566 90	
Street lighting, North Reading . .	2,873 37	
Street lighting, Wilmington . . .	4,287 01	
Street lighting, Lynnfield	988 87	
	<hr/>	\$51,603 32

PROFIT AND LOSS ACCOUNT DECEMBER 31, 1915

DR.		
Deficit Jan. 1, 1915	\$30,296	93
Interest paid	4,640	42
Depreciation	6,972	28
Bad debts	317	71
	<hr/>	\$42,227 34
CR.		
Appropriation for interest	\$1,500	00
Jobbing income	183	35
Stock	34	80
Rent of poles	343	09
Interest on bank balances	79	01
Gain in operating	15,250	39
	<hr/>	\$17,390 64
Deficit Dec. 31, 1915	24,836	70
	<hr/>	\$42,227 34

STATEMENT DECEMBER 31, 1915

ASSETS		
Real estate	\$11,654	42
Steam plant	29,641	64
Electric plant	17,307	98
Lines	85,791	74
Incandescent street lights	10,495	20
Meters	15,818	82
Transformers	10,659	27

INVENTORY :

Fuel	949	90
Station tools and appliances	811	48
Oil and waste	32	36
Jobbing supplies	2,562	70
Line material	2,713	85
Incandescent lamps	1,109	48
Repairs steam plant	335	17
Repairs electric plant	144	00

Repairs of lines	\$197 39	
Horses, wagons, auto, etc.	1,523 56	
Distribution tools and appliances	563 75	
Office supplies	281 42	
Office furniture	951 55	
Unexpired insurance	413 19	
Cash in Town Treasury, construction account	2,045 37	
Cash in Town Treasury, maintenance account	662 24	
Cash in Mechanics' Savings Bank, (customers' deposits)	1,760 28	
Accounts receivable (manufacturing)	9,244 04	
Sundry accounts receivable	1,191 20	
	<hr/>	
	\$208,862 00	
Profit and loss deficit	24,836 70	
	<hr/>	\$233,698 70

LIABILITIES

Bonds payable	\$76,000 00	
Notes payable	36,500 00	
Appropriations for bond payments	49,513 00	
Appropriations for note payments	24,560 00	
Appropriations for construction	36,623 30	
Overdraft for construction	3,211 64	
Customers' deposits	1,760 28	
Interest accrued, not due	1,212 09	
Accounts payable, maintenance	4,318 39	
	<hr/>	\$233,698 70

CONSTRUCTION ACCOUNT

Cost of plant as shown in Town Re- port Dec. 31, 1914		\$233,509 58
Electric plant	\$291 98	
Steam plant	73 00	
Lines	14,949 28	

Incandescent street light fixtures	\$1,599 25	
Meters	1,995 30	
Transformers	1,930 70	
	<hr/>	\$20,839 51
Cost of plant Dec. 31, 1915		<hr/> \$254,349 09

CONSTRUCTION CASH ACCOUNT

DR.

Balance Dec. 31, 1914	\$1,399 32	
Proceeds Wilmington construction notes	12,000 00	
Proceeds Reading construction notes	4,000 00	
Depreciation cash used for construction	5,485 56	
	<hr/>	\$22,884 88

CR.

Amount paid for Reading construction	\$5,456 20	
Amount paid for Lynnfield construction	2,187 57	
Amount paid for No. Reading construction	1,398 91	
Amount paid for Wilmington construction	11,796 83	
	<hr/>	\$20,839 51
Dec. 31, 1915, balance—Wilmington construction	1,473 52	
Dec. 31, 1915, balance—Reading construction	571 85	
	<hr/>	\$22,884 88

ADDITIONAL TUNGSTEN STREET LIGHTS

From Depreciation cash	628 73
Expended	628 73

DEPRECIATION CASH ACCOUNT

Appropriation from earnings . . .		\$6,972 28
Amount used for construction acct. .	\$5,485 56	
Amount used for renewal of lines and steam plant	1,486 72	
	<hr/>	\$6,972 28

LYNNFIELD EXTENSION

Total investment to Dec. 31, 1915:

Lines	\$8,650 27	
Incandescent street lights . .	905 52	
Meters	1,122 20	
Transformers	767 37	
	<hr/>	\$11,445 36

NORTH READING EXTENSION

Total investment to Dec. 31, 1915:

Electric plant	\$440 12	
Lines	21,314 36	
Incandescent street lights . .	1,653 78	
Meters	1,336 38	
Transformers	1,111 73	
	<hr/>	\$25,856 37

WILMINGTON EXTENSION

Total investment to Dec. 31, 1915:

Electric plant	\$627 18	
Lines	34,504 90	
Incandescent street lights . .	2,429 08	
Meters	1,859 41	
Transformers	1,762 99	
	<hr/>	\$41,183 56

ESTIMATES FOR 1916

EXPENDITURES:

For operation, maintenance and repairs	\$40,474 68
For interest on bonds and notes .	4,637 13
For depreciation (3 per cent. on \$253,249.09)	7,597 47

For note payments . . .	3,800 00	
For bond payments . . .	7,000 00	
	<u> </u>	\$63,509 28

INCOME:

From sales to private consumers	\$57,909 28	
From miscellaneous items . .	600 00	
	<u> </u>	\$58,509 28
Balance		<u> </u>
		\$5,000 00
For new construction	\$10,000 00	
Balance on hand Dec. 31, 1915 . .	2,045 37	
	<u> </u>	\$12,045 37
Total to be appropriated . . .		<u> </u>
		\$17,045 37

Respectfully submitted,

ARTHUR G. SIAS, Manager.

REPORT OF JOHN A. STEVENS, ENGINEER

READING MUNICIPAL ELECTRIC LIGHT BOARD, READING, MASSACHUSETTS :

DEAR SIRs—In conformity with your request we have examined your situation as regards the question of needed new boiler equipment to enable you to properly carry your load and to renew old boilers, which soon must be done, and we would recommend that you proceed at once to install one 72" diameter, 18' tube, horizontal return tubular boiler, designed for 150 lb. working pressure. There is room for the placing of the same in empty space at the end of your present boiler house.

The placing of this boiler requires only such minor changes in the house as the moving of a short length of suction piping, the relocation of a stairway between boiler room and engine room basement, the construction of a new stairway from boiler room to engine room floors, the enlarging of a window in front of new boiler to provide for removing tubes, the cutting down of a window at far end of boiler house back of boilers to form a door and minor changes in piping to provide for connecting new boiler to existing lines. In addition to this, we would recommend the constructing of a new door and concrete stairs with retaining walls leading from yard to engine room basement for the convenient handling of supplies to same.

One of your present boilers has very nearly reached the age limit and soon must be replaced. With this new boiler installed you will be able to proceed at leisure to remove this old boiler and replace same with another new 18' tube boiler, like the one now proposed. For this you should be

able to use the greater part of present settings, merely tearing away the front end, extending the walls and making minor changes or repairs in brick work. We have planned the addition to flue with this in mind, that the new work now put in may form a part of such future extensions.

Detail plans for the proposed new boiler installation, also recommended building changes are shown on blueprint Job No. 72, Sheet No. 23. The feed pumps can remain in their present location and we see no reason why for the immediate present they should not remain untouched. The station would be more convenient and the pumps could be better cared for if they were removed to the engine room basement, and, at your convenience, we would recommend that this should be done. In a side sketch of Sheet No. 23 we have shown these pumps thus moved and relocated. We have also shown position and connections for a new boiler feed pump capable of handling up to 1000 boiler horse power of demand, and as a separate item have given estimate covering cost of moving old pump and installing one new pump. If the unit were large enough we would feel like recommending a motor driven centrifugal pump, but, for a station of this size, we do not consider that such a unit would be satisfactory. If a motor driven unit is wanted, about the best solution would be found in a close-belted motor driven triplex boiler feed pump. The cost of such a 5"x8" triplex pump with 7.5 H. P. motor, not erected, would be about \$560. This would be a somewhat noisy unit because of the gears. We would recommend instead a 12"x7"x12" simplex steam driven pump, the cost of which not erected would be about \$250.

Below we give estimate for cost of one new boiler and recommended building changes:

One 72" horizontal return tubular boiler with	
castings and fittings, f. o. b., Reading . . .	\$1,300 00
Brickwork for same	490 00
Foundation	230 00

Changes in flue work	\$175 00
Piping changes complete	780 00
Trench work and floor plates	65 00
Building changes in boiler house and new door to engine room basement	260 00
	<hr/>
	\$3,300 00
Minor changes and incidental items, 10% . . .	330 00
	<hr/>
Total	\$3,630 00

Below we give additional estimate for cost of re-
locating boiler feed pumps and installing one
new steam driven feed pump:

Two new foundations for old pump	\$80 00
Labor for moving pumps	20 00
Changes and additions to piping	225 00
New simplex steam driven pump	250 00
Foundation for pump	50 00
Added piping	75 00
	<hr/>
	\$700 00
Incidentals, 10%	70 00
	<hr/>
	\$770 00

If the motor driven triplex pump is chosen this
becomes \$1,080 00

Total cost for installing one new boiler as per above	\$3,630 00
Cost for moving pumps and installing one new steam driven pump	770 00
	<hr/>
Total if all is done	\$4,400 00

For the installing of a second boiler we would
estimate the cost as follows:

Removing old boiler	\$100 00
Change and repair on brickwork	200 00
Change in flue work	125 00

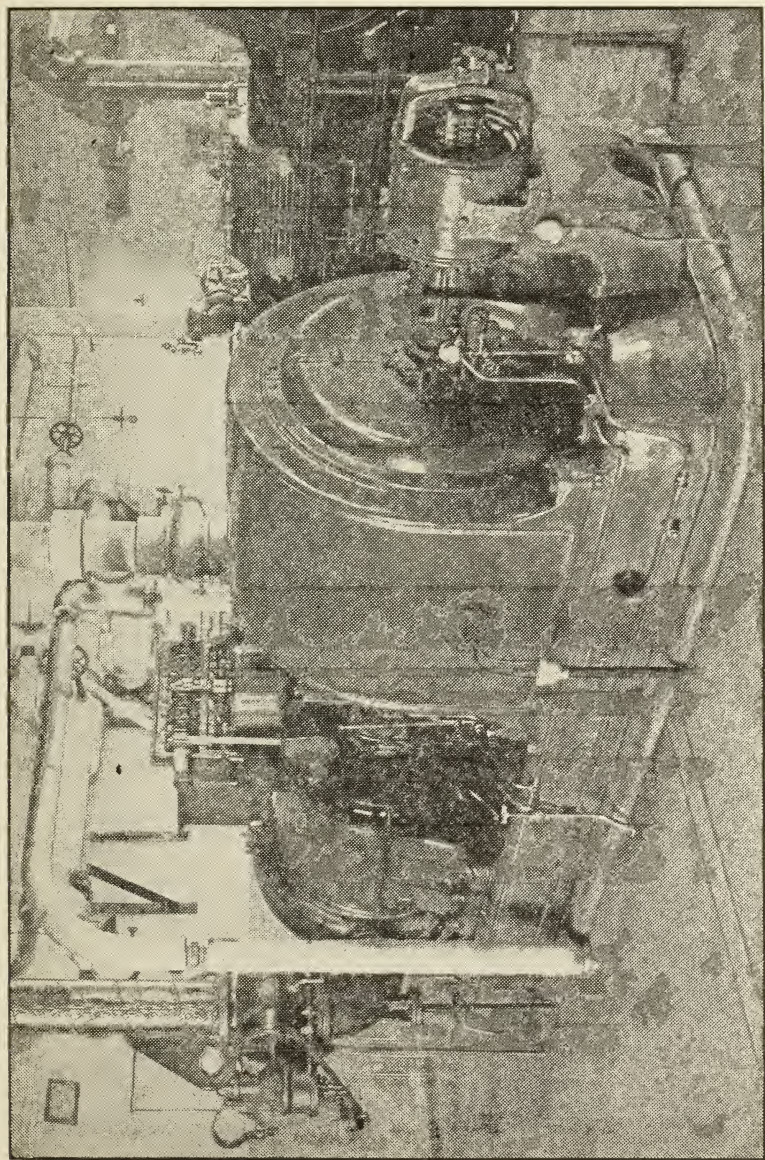
New boiler and fittings	1,300 00
Piping	400 00
	<hr/>
	\$2,125 00
Incidentals, 5%	105 00
	<hr/>
Total for second boiler	\$2,230 00

We would recommend that you proceed at once to install the new boiler as recommended.

We trust that the above covers the whole matter in satisfactory form and gives the information in detail as you desire it. If we can in any way serve you further, kindly call upon us.

Yours very truly,

JOHN A. STEVENS.



AQB-2-500-3600-2300 CURTIS STEAM TURBINE, MUNICIPAL LIGHT PLANT, READING, MASS.

Annual Report

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF READING

For the Year Ending December 31

1915

SCHOOL COMMITTEE

WALTER S. PARKER, Ch., 55 Walnut St.	Term expires 1917
HOWARD W. POOR, 27 Mt. Vernon St.	Term expires 1917
MRS. IDA A. YOUNG, 86 Woburn St.	Term expires 1916
JESSE W. MORTON, 114 Woburn St.	Term expires 1916
ARTHUR N. MANSFIELD, 107 Woburn St.	Term expires 1918
MRS. ELIZABETH H. BROWN, 83 Prospect St.	Term expires 1918

Superintendent of Schools

ADELBERT L. SAFFORD, 78 King St. Tel. Reading 170.

OFFICE

High School, hours 8.30 to 9.30 A. M. Tel. Reading 181-W

Secretary to the Superintendent

MYRTLE D. WELLS, 55 Prescott St. Tel. Reading 491-M

Truant Officer

WILLIAM KIDDER, 26 Lowell St. Tel. Reading 324-M

Medical Inspector

E. DALTON RICHMOND, M. D., 24 Woburn St. Tel. Reading 259

Janitors

HIGH SCHOOL, Clement Gleason . . .	64 Orange St.
HIGHLAND SCHOOL, Jesse N. Hutchinson . .	20 John St.
CENTRE SCHOOL, William Kidder . . .	26 Lowell St.
UNION ST. SCHOOL, William Kidder . . .	26 Lowell St.
LOWELL ST. SCHOOL, Sylvanus L. Thompson	167 Lowell St.
PROSPECT ST. SCHOOL, Timothy Cummings	25 Temple St.
CHESTNUT HILL SCHOOL, Daniel Sewell . .	47 Hopkins St.
HIGH SCHOOL MATRON, Mrs. Ara A. Pratt .	29 Orange St.
GROUARD HOUSE, Charles H. Stinchfield .	20 Highland St.

ORGANIZATION OF SCHOOL COMMITTEE

WALTER S. PARKER, Chairman

ADELBERT L. SAFFORD, Secretary

Sub-Committees

FINANCES AND ACCOUNTS

A. N. Mansfield H. W. Poor J. W. Morton

BOOKS AND SUPPLIES

J. W. Morton Mrs. Ida A. Young W. S. Parker

SCHOOL HOUSES AND PROPERTY

A. N. Mansfield J. W. Morton H. W. Poor

RULES AND REGULATIONS

Mrs. Elizabeth H. Brown H. W. Poor A. N. Mansfield

TEACHERS AND SALARIES

H. W. Poor W. S. Parker J. W. Morton

MUSIC AND DRAWING

Mrs. Ida A. Young J. W. Morton Mrs. Elizabeth H. Brown

COURSE OF STUDY

H. W. Poor Mrs. Ida A. Young J. W. Morton

REPORT OF SCHOOL COMMITTEE, 1915

TO THE CITIZENS OF READING :

Another year has passed in the history of Reading Schools and it becomes our pleasurable duty to render an account of our stewardship in the department of education.

Attention is called to the very interesting report of the Superintendent and the first report of the teacher of Agriculture.

The different changes that have been made in subjects of study, besides entirely new features of work, have been amplified and explained in these reports. We earnestly hope that all interested citizens will make a very careful study of them.

The introduction of the study of some modern foreign language in the elementary grades, seven and eight, is a new departure which calls for explanation. It is to be taught as a living language by the oral method. All European countries are in advance of the United States in the matter of teaching some other language than the vernacular to young pupils in elementary grades. There is an obvious reason for that fact, yet on the other hand it is an open question whether we have not reached the time when the schools of the United States should allow her pupils an opportunity for the earlier study of some of the modern foreign languages. All educational authorities agree that a pupil at the ages of ten to twelve years will more readily acquire a speaking knowledge of a foreign tongue than at any subsequent period. The time is now ripe for the study of Spanish, because of our more intimate relations with the

twenty-one republics of Central and South America. Our trade with these countries has already increased greatly during the past year and is likely to continue to increase provided we are ready to meet our Southern neighbors in the right spirit and with some knowledge of their language and customs and their habits of thought and trade. The merchants of our country should be equal to the situation and take immediate possession of those markets.

The department of Domestic Science and Household Arts has made a good start and has become so popular that about fifty more pupils applied for the course than we could accommodate. Part of the Grouard house is very well adapted for some of the work in Domestic Science and Household Arts.

The present year is eventful in the fact that 129 pupils have been added to the enrollment, which is the largest in the past 16 years; the next largest was 73 in 1904; the average increase for the 15 years preceding 1915 was 27 pupils. The School Committee asks the town to raise and appropriate for regular school expenses the sum of \$51,000 and receipts, which is four thousand dollars more than the sum appropriated last year. The additional amount of \$4,000 is accounted for in the following way. Five additional teachers were added last year to carry on the work: one in the High School, two in the elementary grades and two special teachers. The rest is accounted for by the fact that last year at the express desire of many citizens, and on petition of the teachers, a regular system of graded salaries was adopted for all the teachers in town with a minimum and a maximum limit for the different grades. It was begun last year in September and additional amounts are needed to consummate the plan. The tables prepared by the Superintendent showing the whole matter in detail were presented to the Finance Committee in January. A careful scrutiny of the salary list will reveal nothing to the examiner that could be called excessive or extravagant.

The terms of the following members of the School Committee expire at the ensuing town meeting, March, 1916: Jesse W. Morton and Mrs. Ida A. Young.

The Committee is pressed to provide for more school accommodations because of increasing numbers. After careful deliberation of the whole matter with the interests of the whole town in mind, it has been thought wise to finish the two rooms in the upper story of the Lowell Street schoolhouse and make some repairs at the Chestnut Hill schoolhouse so as to open the second room and to care for two or three more grades in these districts. Also it is proposed to raise up or otherwise alter the Prospect Street schoolhouse to care for two more classes at least as the school is in a crowded condition now. These changes will relieve the schools at the center which are now overcrowded.

It has been thought best to recommend the issuing of \$15,000 in bonds as a general school loan to be paid at the rate of \$1,000 a year and the appropriating of the proceeds for the purposes described above.

WALTER S. PARKER, Chairman

ELIZABETH H. BROWN

ARTHUR N. MANSFIELD

JESSE W. MORTON

HOWARD W. POOR

IDA A. YOUNG

School Committee of Reading.

REPORT OF SUPERINTENDENT OF SCHOOLS, 1915

TO THE HONORABLE, THE SCHOOL COMMITTEE OF READING, MASS. :

LADIES AND GENTLEMEN—I submit herewith a report for the year 1915. During this year there have been undertaken numerous modifications of the public schools of Reading.

SUMMARY

Some of the more important of these changes are as follows :

1. The adoption of salary schedules for teachers of the Elementary Schools (grades 1-6), the Intermediate School (grades 7-8), and the High School (grades 9-12).

2. The establishment of a State-Aided Vocational School of Agriculture as a department of the High School.

3. The reorganization of grades seven and eight to form an Intermediate School (similar to a Junior High School).

4. The institution of regular quarterly examinations in the Intermediate School, similar to the quarterly examinations instituted last year in the High School, and described on page thirteen of last year's report.

5. The establishment of a School of Household Arts in the Grouard house (for girls in grades seven, eight and nine).

6. The adoption of a new method and an increase of time for Manual Training for boys in the Intermediate School so that the work is now more fully pre-vocational in character and includes woodwork, gardening, painting and other handicraft and is planned to include printing as soon as an equipment can be secured.

7. The lengthening of the school day in the Intermediate and High Schools to six hours, coincident with the abolishment of compulsory home-study in the Intermediate School, and a large reduction of the amount of required home-study in the High School. (Voluntary home-study may be done, of course, in any grade).

8. Publication of a new Course of Study for the High School, giving directions for choice of studies and outlining courses for different purposes that have distinct requirements.

9. Rearrangement of the History Courses in the High School, and the establishment of a full course in Community Civics with a survey of local conditions and needs.

10. The opening of courses in typewriting to pupils in all grades of the Intermediate and High Schools, and an increase in equipment to thirty typewriters. These have been in use ten recitation periods each school day since September.

11. The entire separation of the courses in Commercial English from the courses in College English in the last two years of the High School.

12. The introduction of the "direct method" of teaching the modern languages, German, French and Spanish, by means of native teachers, the conversational method, and the use of the victrola records of the Cortina and Rosenthal methods.

13. The inauguration of a debating club called "The Reading High School Forum," for the purposes of intramural debate and also for participation in the triangular debating league composed of the high schools of Stoneham, Wakefield and Reading.

14. Development of musical appreciation in the High School by selections of standard music, as performed by the best artists and reproduced on the victrola daily at chapel exercises.

15. Improvement in methods of teaching reading and numbers in Primary grades by extending the use of the Progressive method of teaching reading and the measured-object method of primary number-work.

16. Skilled supervision of the Highland School playground and instruction in physical exercises, folk-dances and games for the pupils of the Highland School and for the girls in the High School by a trained playground director and teacher of physical culture, Miss Florence G. Nichols, honor-graduate of the Sargent School of Physical Culture at Cambridge, Mass.

17. Other improvements during 1915 included: the addition of five teachers to the staff—one in the High School, two in the Primary grades, one cooking, one physical culture; resurfacing playground in the rear of the Highland schoolhouse and the building of a concrete retaining wall across the west end of the lot; the grading of the grounds in the rear of the Lowell Street schoolhouse; the removal of old concrete, regrading and planting of shrubbery at the Union Street school grounds; the equipment of a workshop for farm carpentry in the basement of the High School; the placing of fire alarm boxes in the High, Highland, Centre and Union Street schoolhouses by the Selectmen; and the installation of telephones in all the schoolhouses not previously connected by telephone, as a safeguard in cases of fire or accident. This action was requested by parents and, in the cases of the Lowell Street and Prospect Street Schools, by the Selectmen.

TEACHERS' SALARIES

The salary schedule for the elementary schools provides for a minimum of \$500, an increase of \$50 a year for two years and then an increase of \$25 a year for the following four years, when a maximum of \$700 is reached; for the Intermediate School the same schedule obtains, except that the annual increase of \$25 is continued until a maximum of \$800 is reached; for the High School the minimum is \$600

and the regular annual increase \$50 until a maximum of \$900 is reached; for High School teachers in positions of large responsibilities or of special value to the school the maximum salary is \$1000. In actual practice, it has been found difficult to conform to this schedule in the High School because of greater inducements offered to the teachers by other towns or cities. Five teachers resigned from the High School staff in 1915 to accept materially higher salaries and three more were offered considerable advances over the amounts that they were receiving here.

A high standard of teaching ability is indispensable in obtaining the proper advancement and discipline of the children. The difference in salary between a good teacher and a poor one is insignificant compared with the difference in the quality of the instruction given and the far-reaching consequences of their different treatment of their pupils. The salaries contemplated in the foregoing schedules are conservative and are less than those paid in most other occupations open to women and demanding commensurate ability and preparation. Reading parents demand for their children schools of a high order. It is getting to be more and more difficult every year to get and keep teachers who can meet these requirements.

AGRICULTURAL EDUCATION

Cultivation of the soil is a fundamental industry. There are many evidences that the whole nation is awakening to its importance not only as a means of livelihood for those who engage in it, but also as an indispensable source of food supply for the great masses of the population gathered in the cities. Increased prices for food products are in effect on the wage earner equivalent to decreased wages, and to some degree lead to the use of inferior or insufficient food and a consequent injury to health and loss of physical stamina. An important cause of high prices in food products is the increased cost of production on account of poor management and ignorance of scientific methods of cultiva-

tion. Another equally important factor is the actual shortage in food supply due to a lack of farmers to cultivate properly large areas of fertile land untilled at present. Appropriate education tends to correct these evils and is as essential and as productive of results in agriculture as in other vocations. Agriculture deserves recognition in the school curriculum equal to that accorded the other leading occupations.

The department of agricultural education in Reading has been particularly fortunate in its inception. It was established by a practically unanimous vote of the town meeting; the ability and personality of the instructor has won universal confidence and esteem; the enrollment of pupils has been at the maximum, and the quarters and equipment have been adequate and satisfactory. As was to be expected under these conditions, good results have been obtained. The instructor's report, which is appended, contains much interesting information and is commended to your careful consideration.

THE INTERMEDIATE SCHOOL

Intermediate School, Junior High School and Six-year High School (also called the "six and six plan") all have the same general aim, which is to provide different courses in which selected subjects may be taught more thoroughly "to meet the needs of individual pupils, as these needs vary according to aptitudes and purposes for the future." Each course aims to develop some one line of study sufficiently to be of special significance and value in the child's educational life. There are usually four courses: Literary, Commercial, Industrial for boys, Household Arts for girls. Progress in the direction of establishing schools of this character has been made in a number of states, notably California and Michigan, and more recently in Massachusetts.

Pupils in grade seven and eight in the Highland School were organized in September 1915 as an Intermediate

School. The seventh grade is called Junior Intermediate and the eighth grade Senior Intermediate. Under this arrangement, the studies required by law receive the same consideration in all courses, but in each grade additional time is devoted to special subjects according to the course. The special subjects include in the four courses German, Spanish, business practice, typewriting, rapid calculations, bookkeeping, cooking, sewing, manual training and physical exercises. The special studies are variously combined with the regular studies to make the four different courses, of which only one may be chosen for each child. The courses are :

LITERARY COURSE (COLLEGE OR NORMAL PREPARATORY)

THIRTY HOURS PER WEEK

English, penmanship, mathematics, geography, history and science . . .	15 hrs. per week
Physical training, music and general exercises or study	7½ hrs. per week
German	3¼ hrs. per week
Drawing, cooking, making, repairing . .	3¼ hrs. per week

COMMERCIAL COURSE (PREPARATORY TO WORK IN OFFICES OR STORES) THIRTY HOURS PER WEEK

English, penmanship, mathematics, geography, history and science . . .	15 hrs. per week
Physical training, music and general exercises or study	7½ hrs. per week
Business practice, bookkeeping and rapid calculation	3¼ hrs. per week
Typewriting or Spanish	3¼ hrs. per week

INDUSTRIAL ARTS COURSE FOR BOYS

THIRTY HOURS PER WEEK

English, penmanship, mathematics, geography, history and science . . .	15 hrs. per week
Physical training, music and general exercises or study	7½ hrs. per week

Drawing, gardening, wood working, repairing and printing (to be provided) . 7½ hrs. per week

HOUSEHOLD ARTS COURSE FOR GIRLS

THIRTY HOURS PER WEEK

English, penmanship, mathematics, geography, history and science . . .	15 hrs. per week
Physical training, music and general exercises or study	7½ hrs. per week
Sewing, cooking, housekeeping, drawing, making and design	7½ hrs. per week

The successful completion of any one of these courses will earn an Intermediate School diploma, and admission to the High School. Upon entering the High School, each pupil may elect under proper restrictions any course there offered, regardless of the course he has pursued in the Intermediate School, but will naturally continue lines of study already undertaken unless good reasons for change appear.

THE SIX-HOUR DAY

A necessary feature of this change of curriculum is the increase of the school day to six hours, 8.30 to 11.30 A. M., 1 to 4 P. M. To offset this increase, compulsory home study has been abolished. For many years this home work has required an hour at least each day. Nothing in this arrangement prevents home study if pupils and parents desire it.

The six-hour day is divided into eight periods of three-quarters of an hour each, with two periods of three-quarters of an hour between the morning and afternoon session. At Gary, Indiana, after which our plan was patterned in many respects, the two periods of the noon intermission occur at different times for different groups of pupils, so that the school is in continuous session from 8 in the morning to 4.30 at night. There are two half-hour common play periods from 8 to 8.30 A. M. and 4 to 4.30 P. M., and ten periods of

forty-five minutes, of which two are for the noon intermission. We do not contemplate adopting this feature at present, but our organization would permit of it if it should seem desirable.

Of the eight forty-five minute periods daily four are devoted to English, penmanship, mathematics, geography, history and science in all the courses, and two are devoted to physical training, music, general exercises or study. The remaining two periods are specialized.

LITERARY COURSE

In the Literary Course one period is devoted to German, taught by a native teacher with the purpose of developing facility in pronouncing the language, familiarity with the idioms of expression and some ability to converse, read and write in German. Not much study of the technical grammar is made. The object is to give, as nearly as possible, such a knowledge of the language as would be acquired from a governess or from residence in a German-speaking community. It is intended to follow this course in the Intermediate School by courses in the High School, providing a careful study of the technical grammar and general vocabulary of the language. In the later years of the course in German in the High School attention will be given to the vocabulary of scientific books in German.

There has been considerable discussion as to whether the remaining forty-five minutes daily in the Literary Course should be devoted to elementary algebra and geometry, or to manual training for the boys and household arts for the girls. Because of the universal interest in manual training and household arts and the advice of the State Commissioner of Education, we have for the present included these subjects in the Literary Course.

COMMERCIAL COURSE

In the Commercial Course, specialization consists of Spanish or typewriting, business practice including common business forms, rapid calculation and simple accounts. One

period daily is devoted to Spanish or typewriting, according to choice, and one period to the other special subjects. The Spanish is taught by the same methods as the German described above.

INDUSTRIAL COURSE

In the Industrial Arts Course for boys we follow in general for two periods a day the methods of the Practical Arts School connected with the Fitchburg Normal School. Instruction in wood working and home gardening (and printing as soon as equipment is secured) are the principal special subjects, but all sorts of repairing and home projects according to the interests and needs of the pupils are introduced.

HOUSEHOLD ARTS COURSE

In the Household Arts Course for girls, two periods a day are devoted to sewing, cooking, drawing and making. We intend to emphasize especially the home project work and to require a definite number of hours of home work in practice of the different things taught at the school. We hope to utilize quite largely the ideas advanced for boys' and girls' Home Economics Clubs through the Massachusetts Agricultural College. In connection with this work, considerable attention is given to home canning, as outlined in Bulletins 521 and 359 of the United States Department of Agriculture.

We secured for the Household Arts classes the use of a part of the Grouard House in which there was a kitchen equipped with coal range, hot water heater, soapstone tubs and sinks. Two gas ranges, an electric range and some other necessary equipment have been added. More equipment will be provided as the work develops in the second year of the course. Eventually we hope to equip a dining room, living room and chambers. A real house is the most suitable place in which to teach housekeeping and the household arts. Most of the food cooked by pupils has been sold to cover the cost of materials, and has found a ready market.

VACATION HOME WORK

The teacher of Manual Training and Gardening is to be in service during the summer vacation to supervise the home gardens and the home projects of the boys. It is probable that home projects for girls for the summer vacation will be arranged in connection with the Home Economic Clubs.

INDUSTRIAL COURSE

The boys in the Manual Training classes made some repairs on the Grouard house and some alterations in the unfinished part of the ell. A floor was laid, the walls and ceiling sheathed and a partition built. This provided a second unit kitchen in which a sink, a gas range and an electric range were installed.

Other general work of a practical character has been done, as well as considerable work in making furniture in the manual training shop at the Highland schoolhouse. The only serious difficulty in this department has been the large size of some of the classes. Work can be done successfully at the benches in the shop with a class of twenty-five or even more, but it is difficult to manage more than eight or ten and keep them busy on general repair work. The Highland School won the first prize for school gardens at the Quannapowitt Fair. The garden work last year was supervised very successfully by Miss Fannie O. Whittemore. Work for 1916 will be undertaken in season.

LENGTH OF THE SCHOOL DAY

If the schools are to teach effectually practical knowledge of a vocational character or any considerable subject matter beyond the traditional "three R's" the six hour day is necessary. It is intended to adjust the pupil's program to his outside needs, such as music lessons and special health requirements. If it does not seem best for a particular pupil to take the full program of special subjects, or if it is desired to substitute piano lessons for a part of the work, satisfactory arrangements can usually be made to fit the

conditions. It is intended to thoroughly revise the outlines of work and make necessary changes in text books and apparatus for teaching the English, Mathematics, History, Geography and Science in the Intermediate School.

It will necessarily take two or three years to accomplish this fully. In fact, the beneficial results of the reorganization cannot be expected to become fully apparent until considerable time has elapsed. Also in a new plan there are always many details to be worked out by experience before the best organization and methods are perfected. Some time, patience and forbearance are necessary in carrying to a successful conclusion any new enterprise involving extensive changes from the regular routine or practice.

COURSE OF STUDY FOR THE HIGH SCHOOL

Considerable confusion in courses and loss of time existed among the pupils in the High School on account of injudicious choices of studies; also numerous changes in the subjects offered have recently been made. It seemed necessary, therefore, to publish a new course of study, as follows.

English is required by all pupils. Such other subjects as contribute to the pupil's major aim in his High School course may be chosen in order. Therefore, the first essential of a wise selection of subjects is some definite end to be attained by the course in the High School. Among the different purposes that have distinct requirements may be mentioned: preparation for college, school of technology, or normal school; acquisition of the knowledge and skill necessary for satisfactory office work in stenography, typewriting and bookkeeping; and the scientific study and practice of agriculture. Definite courses along these lines are outlined below and when once entered upon should be carefully followed unless circumstances lead to a change of aim in the course as a whole.

The College Course, with slight modifications to meet the particular requirements of individual institutions, prepares for any American college.

The Scientific Course prepares for the Massachusetts Institute of Technology and other similar institutions. These courses are necessarily difficult. To accomplish either of them in four years requires exceptional ability, industry and health. Nearly all schools recommend and many of the best require that five years be devoted to this preparatory work. It is usually possible for an able student to obtain the A. B. or S. B. degree from Harvard in three years, if he has devoted five years to his preparatory course.

For these and other reasons that need not be enumerated here, Reading pupils are strongly urged to devote five years to either of these courses.

For a pupil who expects to become a professional musician, English, modern foreign languages and history should be prominent studies. For pupils intending to enter mechanical and industrial pursuits, the sciences and mathematics with drawing should predominate; German is desirable and for advanced courses leading to engineering is indispensable.

If Industrial Education other than Agriculture or preparation for schools of technology is desired, the various state industrial schools are open to Reading pupils. The tuition is paid by the town. One-half of it is repaid to the town by the state. All day industrial schools are open to persons between the ages of fourteen and twenty-five; all evening industrial schools are open to any persons over seventeen years of age who are engaged in work in the trade to be studied. Among the state industrial schools easily accessible to Reading pupils are: The Somerville Industrial School for Boys, The Boston Industrial School for Boys, The Somerville Industrial School for Girls, The Boston Trade School for Girls, The Wakefield Evening School of Household Arts.

Twenty recitations a week of prepared work is sufficient amount for a pupil of average ability, but with the consent of the Principal, music, drawing, penmanship, spelling, typewriting or cooking may be taken as an extra subject.

Pupils taking the college or scientific course in four years will need to have twenty-five periods a week through most of the course. Seventy-six credits (that is, nineteen periods per week per year) are required for graduation. Unprepared work such as laboratory periods and typewriting are allowed one-half the credit given for prepared work.

In order to accomplish the school work successfully, it is necessary for the average pupil to spend from one to two hours daily in home study, according to the course pursued and the ability of the pupil. Parents are requested to assume the responsibility for systematic arrangements for this home study and for seeing that pupils regularly adhere to them. It is strongly urged that pupils prepare one-half of the home lessons in the afternoon and the remainder in the evening. If possible the pupil should have a quiet room for study apart from the family. Parents are invited to confer frequently with the Principal and other members of the faculty in regard to the progress of pupils. Each pupil should consult with the home-room teacher in making the choice of studies.

COLLEGE PREPARATORY COURSE (Four Years)

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English . . . 5	English . . . 5	English . . . 5	English . . . 5
Latin . . . 5	Latin . . . 5	Latin . . . 5	Latin . . . 5
Mathematics . 5	Mathematics . 5	Mathematics . 5	History . . . 5
Select one	Select two	Select two	Select two
Biology . . . 5	French . . . 5	French . . . 5	French . . . 5
German . . . 5	Physics . . . 5	Chemistry . . 5	German . . . 5
	German . . . 5	German . . . 5	Science . . . 5
			Mathematics . 5

COLLEGE PREPARATORY COURSE (Five Years)

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR	FIFTH YEAR
English . . . 5	English . . . 5	English . . . 5	Mathematics 5	English . . . 5
Latin . . . 5	Latin . . . 5	Latin . . . 5	Latin . . . 5	History . . . 5
Mathematics 5	Mathematics 5	Select two	Select two	Select two
Select one	Select one	French . . . 5	French . . . 5	Science . . . 5
Biology . . . 5	French . . . 5	Physics . . . 5	Chemistry . 5	German . . . 5
German . . . 5	German . . . 5	German . . . 5	German . . . 5	French . . . 5
				Mathematics 5
Extra (Optional)	Extra	Extra	Extra	Extra
Music . . . 1	Music . . . 1	Music . . . 1	Music . . . 1	Music . . . 1
Drawing . . 1	Drawing . . 1	Drawing . . 1	Drawing . . 1	Drawing . . 1

SCIENTIFIC PREPARATORY COURSE (Four Years)

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English . . . 5	English . . . 5	English . . . 5	English . . . 5
Mathematics . 5	Mathematics . 5	Mathematics . 5	Mathematics . 5
Biology . . . 5	Physics . . . 5	Chemistry . . 5	Science . . . 5
Drawing . . . 2	Drawing . . . 2	Drawing . . . 2	Drawing . . . 2
Select one	Select two	Select two	Select two
German . . . 5	German . . . 5	German . . . 5	History . . . 5
Latin . . . 5	French . . . 5	French . . . 5	French . . . 5
	Latin . . . 5	Latin . . . 5	German . . . 5
			Latin . . . 5

SCIENTIFIC PREPARATORY COURSE (Five Years)

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR	FIFTH YEAR
English . . . 5	English . . . 5	English . . . 5	Mathematics 5	English . . . 5
Mathematics 5	Mathematics 5	Chemistry 5	Science . . . 5	Mathematics 5
Biology . . . 5	Physics . . . 5	Drawing . . . 2	Drawing . . . 2	Drawing . . . 2
Drawing . . . 2	Drawing . . . 2	Select two	Select two	Select two
Select one	Select one	German . . . 5	German . . . 5	History . . . 5
German . . . 5	German . . . 5	French . . . 5	French . . . 5	German . . . 5
Latin 5	Latin 5	Latin 5	Latin 5	French 5
				Latin 5
Extra (Optional)	Extra	Extra	Extra	Extra
Music 1	Music 1	Music 1	Music 1	Music 1

NORMAL PREPARATORY COURSE

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English 5	English 5	English 5	English 5
Drawing 1	Drawing 1	Drawing 1	Drawing 1
Select three	Select three	Select three	Select three
Latin 5	Latin 5	Latin 5	Latin 5
German 5	German 5	German 5	French 5
Biology 5	French 5	French 5	History 5
Mathematics . . . 5	History 5	History 5	Physiology . . . 5
Arithmetic 5	Physics 5	Chemistry 5	Stenography . . . 5
Household Arts 5	Mathematics . . . 5	Stenography . . . 5	Typewriting . . . 5
	Bookkeeping . . . 5	Typewriting . . . 5	
Extra (Optional)	Extra (Optional)	Extra (Optional)	Extra (Optional)
Music 1	Music 1	Music 1	Music 1
Penmanship . . . 1	Penmanship . . . 1	Penmanship . . . 1	Penmanship . . . 1
Spelling 1	Spelling 1	Spelling 1	Spelling 1

COMMERCIAL COURSE

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
English 5	English 5	Com. English . . . 5	Com. English . . . 5
Arithmetic 5	Bookkeeping . . . 5	Bookkeeping . . . 5	Stenography . . . 5
Penmanship { . . . 2	Select three	Stenography . . . 5	Typewriting (5) 2½
Spelling { 2	Pen. and Spell. 2	Typewriting (5) 2½	Select two
Select two	Typewriting (5) 2½	Select one	Bookkeeping . . . 5
Typewriting (5) 2½	History 5	Penmanship { . . . 2	Penmanship { . . . 2
Civics 5	Physics 5	and Spelling { . . . 2	and Spelling { . . . 2
Biology 5	German 5	Modern History 5	Am. History . . . 5
German 5		German 5	German 5
		Chemistry 5	French 5
		College English 5	College English 5
			Physiology 5
Extra (Optional)	Extra (Optional)	Extra (Optional)	Extra (Optional)
Music 1	Music 1	Music 1	Music 1
Drawing 1	Drawing 1	Drawing 1	Drawing 1

AGRICULTURAL COURSE

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
General Agr. . . 5	General Agr. . . 5	General Agr. . . 5	General Agr. . . 5
Project studies (10) 5	Project studies 5	Project studies 5	Project studies (10) 5
English . . . 5	English . . . 5	Com. English . 5	Com. English . 5
Select one	Select one	Select one	Select one
Biology . . . 5	Physics . . . 5	Chemistry . . 5	Am. History . 5
Civics . . . 5	Ancient History 5	Modern History 5	College English 5
Algebra . . . 5	Geometry . . 5	College English 5	Physiology . . 5
Arithmetic . . 5		Mathematics . 5	
Extra (Optional)	Extra (Optional)	Extra (Optional)	Extra (Optional) 5
Drawing . . . 1	Drawing . . . 1	Drawing . . . 1	Drawing . . . 1
Music . . . 1	Music . . . 1	Music . . . 1	Music . . . 1
Penmanship . 1	Penmanship . 1	Penmanship . 1	Penmanship . 1
Spelling . . . 1	Spelling . . . 1	Spelling . . . 1	Spelling . . . 1

During December, January and February regular work in Agriculture is suspended, and special unit courses are provided.

COMPLETE LIST OF SUBJECTS

From this list a general or special course may be chosen with the approval of parents and the Principal. Select at least 19 points each year.

FIRST YEAR—FOURTEEN COURSES

English 5, Latin 5, German 5, Algebra 5, Arithmetic 5, Biology (7) 5, Civics 5, Drawing 1, Music 1, Penmanship 1, Spelling 1, Typewriting (5) $2\frac{1}{2}$, Household Arts 5, Agriculture (15) 10.

SECOND YEAR—FOURTEEN COURSES

English 5, Latin 5, German 5, French 5, Mathematics 5, Physics (7) 5, Ancient History 5, Bookkeeping 5, Typewriting (5) $2\frac{1}{2}$, Drawing 1, Music 1, Penmanship 1, Spelling 1, Agriculture (15) 10.

THIRD YEAR—SIXTEEN COURSES

College English 5, Business English 5, Latin 5, German 5, French 5, Mathematics 5, Chemistry (7) 5, Modern His-

tory 5, Bookkeeping 5, Stenography 5, Typewriting (5) 2½, Drawing 1, Music 1, Penmanship 1, Spelling 1, Agriculture (15) 10.

FOURTH YEAR—SIXTEEN COURSES

College English 5, Business English 5, Latin 5, French 5, Mathematics 5, College Science 5, Physiology 5, American History 5, Bookkeeping 5, Stenography 5, Typewriting (5) 2½, Drawing 1, Music 1, Penmanship 1, Spelling 1, Agriculture (15) 10.

SOCIAL SCIENCE

Much stress has been laid recently on the importance of the study of social science in the High School. The Massachusetts Commissioner of Education in particular has urged that the teaching of history and civil government should be improved and that courses in community civics, with a practical study of local conditions and needs, should be introduced in every High School. In carrying out this purpose, the following arrangement has been made: Freshman year, Community Civics; Sophomore year, Ancient History; Junior year, Modern History; Senior year, American History and Government. There is also in the Senior year a special class for college students who may need Greek and Roman History to meet college entrance requirements.

A class of over forty pupils in Community Civics was enrolled and the interest and enthusiasm has been marked. We were fortunate in having a teacher trained in the school for social workers and thoroughly alive to problems of social welfare.

TYPEWRITING

A new policy in relation to teaching typewriting has been adopted. Heretofore, it has been regarded as of value chiefly in connection with the study of shorthand. It is now open to election by pupils in any grade of the Intermediate or High School as an independent subject on the ground that typewriting is a useful accomplishment for personal use and also in a great number of positions of employment other than as stenographers. This subject has proved

to be very popular in all grades and has held the interest and attention of the pupils to a remarkable degree. It is of considerable assistance to some other branches, particularly composition, spelling, capitalization and punctuation. I am thoroughly converted to the policy, although I entered upon it with some doubts about its permanent value. The change of the High School program to eight periods gave many pupils an opportunity of which they took advantage to take typewriting as an extra subject.

COMMERCIAL ENGLISH

What was partially undertaken in the preceding year has been carried out this year as a settled policy in relation to the courses in English in the Junior and Senior years of the High School: the Commercial English has been entirely separated from the College English. The teachers, textbooks and subject-matter of the courses are entirely distinct. This has proved advantageous to both courses. The work of the college course is prescribed by the college entrance requirements and to a considerable degree consists of a critical study of classic literature. The course in Commercial English consists largely of practical exercises in letter-writing, punctuation, paragraphing, capitalization and other subjects of practical importance in preparation for work in the business office. Already the good results of this change are apparent in freeing the college classes from pupils not interested in college entrance requirements and in giving the commercial pupils more practical lessons in office requirements.

THE STUDY OF MODERN LANGUAGES

Some allusion has been made in another connection to the teaching of German and Spanish in the Intermediate School, but a more general statement of the policy that is being pursued in this department should be made. Heretofore, two or three years of French and two years of German have been taught in the High School along lines that were intended primarily to prepare merely for college entrance

examinations. Each year has seen the classical languages of Greek and Latin lose in prestige and the modern languages make corresponding gains. As the modern languages have gained there has been a corresponding demand that they should be taught by the conversational method instead of the lexicon method. The stress should be laid on thinking the idea into its idiomatic expression in the foreign language rather than word by word translation of the foreign words into English. To carry out this idea it is necessary to have a teacher that knows to a nicety the precise phrases to employ to express exact shades of meaning in the foreign tongue. Vocabulary building is something more and quite different from the acquisition of the mere literal meaning of each word: it consists of learning the phrases or circumlocutions that are idiomatically employed in the foreign language to convey certain ideas. Along with this work must also go the training of the ear by constant oral repetitions to hear accurately and the tongue by a similar process to speak correctly the sounds of the language as they enter into the spoken words and phrases. The technical grammar of the language at first is introduced incidentally much as a judicious teacher introduces technical grammar in the English language lessons in the fifth and sixth grades. In the second and third years of study, of course, more and more formal grammar is taught. Memorizing and reciting selections in the foreign language are important features of the work. The teacher should use the foreign language in conducting the class, and great assistance in ear-training and in memorizing may be obtained from the Victrola records. We are using the Cortina method records in French and Spanish, and the Rosenthal method records in German.

French may be begun in the Sophomore year as heretofore. Formerly German was not offered until the Junior year. Now German may be begun in any year of the Intermediate School or the High School, and Spanish may be begun in any grade of the Intermediate School. Greater prominence is given to German on account of the demands

of technical education. Spanish is given in the Commercial course in preparation for positions in business houses dealing with Spanish-speaking countries. French will also be made prominent and if a legitimate demand appears may be begun at an earlier grade.

DEBATING

Most of the high schools in this vicinity have debating clubs and engage in debating contests with other schools. In some cases the interest in these debates rival the interest in athletic contests. An organization for debating has been formed and called the "Reading High School Forum." Preparations are now in progress for debating contests with the Stoneham and Wakefield High Schools, and it is expected that the debating club will now become a permanent institution in our school.

PUBLIC LIBRARY

A systematic plan of introducing pupils to the use of books from the Reading Public Library has been carried out in the Intermediate School this year. A printed list of suitable books was prepared and class exercises have been carried on with reading of selections, discussion of different books read and reports on home reading. The written work based on this study has shown excellent results.

UP-KEEP OF SCHOOL PLANT

A systematic effort is being made extending through a series of years to put all the school grounds and buildings into good condition and to keep them so. On account of the increased amount asked for teachers' salaries for 1916, only three special amounts for up-keep are asked for this year: \$650 for fire protection, ordered by the Fire Commissioner, \$350 for painting the Union Street schoolhouse, and the exterior woodwork of the High schoolhouse.

Other needed improvements in school grounds, in the tinting of the walls of schoolrooms, and in equipment for

Manual Training and Household Arts—particularly printing, are deferred because the other needs seemed more urgent and the necessity of keeping the total amount at as low a figure as possible was realized. The cost per pupil of the Reading schools is low compared with that of many other towns of over 5000 inhabitants. A comparative table is printed elsewhere in this report. The reason for the low cost is low salaries of teachers, a large number of pupils per teacher, and conservative management.

The increased cost in the last two years has been due to rapid growth as well as increased salaries and new subjects of instruction. The average number (for the first four months) increased 129 in the past year, 44 in the preceding year, but only 100 in the whole eight years next preceding 1914. In other words, the increased number in 1915 (129) lacked only 15 of equalling the entire growth in the preceding nine years, the increase in 1914 and 1915 (173) exceeded the growth of the preceding eight years by 73 %, and the increase of the last three years (211 pupils) was 3.4 times the increase of the preceding seven years and represents a growth of over 17 % in three years. The appropriations from the tax levy have increased in about the same proportion.

NEED OF MORE SCHOOLROOMS

The increase in numbers has caused a crowded condition, particularly in the Union Street, Centre and Prospect Street Schools. To relieve this more room should be provided immediately. At present only the first three grades are taught at the Chestnut Hill School, and the first four grades at the Prospect Street School and the Lowell Street School.

There is an unfurnished room at Chestnut Hill and two unfinished rooms at Lowell Street. By the addition of two rooms to the Prospect Street Schoolhouse and the opening of the vacant rooms at Chestnut Hill and Lowell Street the pupils could be taught through the sixth grades in their

own districts without material loss in efficiency and at a saving of car fares which are paid by the town in these grades at present.

The entire cost of an addition of two rooms at Prospect Street, finishing two rooms at Lowell Street, and the complete furnishings and equipment for five new rooms is estimated at \$15,000, which could be taken care of by a general school loan payable in twenty years. The addition to the Prospect Street schoolhouse could be made in such a way that four more rooms could be added without undue expense or waste if the growth in this district should require it.

Pupils in the first grades are at present allowed to attend school only a half-day. I believe this is unfortunate. They should have a full day and if the crowding is overcome by the plan outlined above, I think arrangements can be made for a full day for the first grade.

SCHOOL SYSTEM STILL INCOMPLETE

Although the Reading School System has many of the essential features of a complete modern Public School System and the citizens are to be congratulated on their public spirit and liberality in supporting the schools, there are nevertheless a few important features conspicuous for their absence. One of these is an evening school for pupils that leave school early to go to work and for foreigners or others who have not had the advantages of an education in the English language or in the lower grades of the schools. The number of foreigners needing instruction in English and citizenship is less in Reading than in any of the surrounding towns, nevertheless there are some who need this work. There is also a considerable number who would profit greatly by more advanced evening courses. If the town could co-operate with the new State department of University Extension and Correspondence Courses there is no doubt but that a school of considerable size could be organized.

The interest in evening courses along the lines of Household Arts is marked and a considerable number are attend-

ing the State-Aided Course in Household Arts maintained in Wakefield. Also a number of women have attended evening classes in the Girls' Trade School in Boston. There is some demand for evening courses for men along Agricultural and Industrial lines. The State reimburses towns for one-half the cost of approved classes in these subjects.

INDUSTRIAL SCHOOLS IN OTHER TOWNS

Two boys are in attendance at the day Industrial School for boys at Somerville. The following are the rules and laws governing attendance at State-Aided Industrial Schools in other towns:

State-aided vocational schools are open to residents of the Commonwealth between ages of fourteen and twenty-five who are able to secure an age and schooling certificate. The evening courses are open to those over seventeen years of age who are employed during the day in occupations to which the evening work is directly related. Non-residents of the municipality in which the school is located apply to the State Board of Education for admission.

While the Board of Education, whose decision shall be final, has the responsibility of approval or disapproval of applications of these non-residents for admission to the schools, it desires to have the local authorities conversant at the earliest possible date regarding applicants.

The law provides that certain factors shall be given consideration in passing upon application for admission of non-residents to these schools (see paragraph 1, section 7, chapter 471, Acts of 1911.)

For this reason a card of application is sent to the Superintendent of Schools in the pupil's home town. Unless adequate reasons are presented by the Superintendent of Schools why said pupil should not attend the industrial school in question as a non-resident pupil, the State will assume there are no objections and will approve said application at once.

If the application is approved by the State Board, the pupil's home town will be liable for the payment of tuition as provided for in paragraph 2, section 7, chapter 471, Acts of 1911. If the tuition be paid by the said town it will be entitled to reimbursement by the State as provided for in paragraph 3, section 9, chapter 471, Acts of 1911.

There is a ruling of the office, based upon an opinion of the Attorney-General, that these tuition claims are charges against the municipality and not against the regular funds of the School Committee, unless a special appropriation for this purpose has been placed at the disposal of said committee.

References to law are listed below :

Section 7. 1. Any resident of any city or town in Massachusetts which does not maintain an approved independent industrial, agricultural or household arts school, offering the type of training which he desires, may make application for admission to such a school maintained by another city or town. The Board of Education, whose decision shall be final, may approve or disapprove such application. In making such a decision the Board of Education shall take into consideration the opportunities for free vocational training in the community in which the applicant resides; the financial status of the community; the age, sex, preparation, aptitude and previous record of the applicant; and all other relevant circumstances.

2. The city or town in which the person resides, who has been admitted as above provided, to an approved independent industrial, agricultural or household arts school maintained by another city or town shall pay such tuition fee as may be fixed by the Board of Education; and the Commonwealth shall reimburse such city or town, as provided for in this act. If any city or town neglects or refuses to pay for such tuition, it shall be liable therefor in an action of contract to the city or town, or cities and

towns, maintaining the school which the pupil, with the approval of the said board, attended.

SECTION 9. 3. Cities and towns that have paid claims for tuition in approved local or district independent vocational schools shall be reimbursed by the Commonwealth, as provided in this act, to the extent of one-half the sums expended by such cities and towns in payment of such claims.

STATE-AIDED SCHOOL OF HOUSEHOLD ARTS

Another line of work needed to round out our educational system is the extension of the Household Arts Course for girls through the High School. About fifty girls in the Sophomore, Junior and Senior classes asked for this work this year and were refused because the teacher's time was fully occupied with the seventh, eighth and ninth grades. Cooking, dressmaking, millinery and other household arts should be taught throughout the High School course. If the school were properly organized the state would pay half the cost for a day school just as it does for the evening school of Household Arts at Wakefield.

DAY INDUSTRIAL SCHOOL FOR BOYS

In the same way there is need of Industrial work for the boys in the High School. The interest in this work is keen and something should be provided for the boys not in the Agricultural Course. Even some of the boys preparing for college are eager for some work in Manual Training.

The John Street schoolhouse would afford excellent rooms for carpentry, blacksmithing, woodturning and cement construction. The cost of putting it in condition would be slight and the equipment need not be very expensive. Machine tools such as lathes, saws and planer would be desirable but are not indispensable to much valuable instruction. Some of the repairing of furniture and buildings could be done by pupils in such classes, also tables, cases and other articles of furniture needed could be made.

The cost of these three additions to our school system: Evening Schools, Industrial work for boys and Household Arts for girls would not be as great perhaps as some would suppose. The evening school would cost from \$200 to \$300 for each teacher, the heat, light and janitor service would be about \$300 for several rooms.

For Industrial Arts for boys and Household Arts for girls the additional cost would be scarcely anything beyond the cost for equipment because pupils in these courses would otherwise be taking other courses that would require as much expense for teachers as the Industrial and Household Arts courses.

If these courses were organized so as to receive state aid, there might be an actual saving in expense to the Town by providing these lines of work. The Town of Wilmington has recently organized a State Aided School of Household Arts for girls. Somerville has had such a school for several years.

In closing, I wish to thank the committee, teachers and citizens for their hearty co-operation in efforts to improve the Reading schools.

Respectfully submitted.

ADELBERT L. SAFFORD, Superintendent,

Dec. 31, 1915.

REPORT OF INSTRUCTOR IN AGRICULTURE, 1915

MR. A. L. SAFFORD, SUPERINTENDENT OF THE SCHOOLS OF
READING :

DEAR SIR—I herewith submit my first report as Instructor of Agriculture covering the period from April 15 to December 10, 1915.

The first two weeks were spent in getting the necessary working material together and inspecting the home farm equipment of the boys who had applied for admission to the course. Class-room instruction began on May 3 with twenty-one boys in attendance. During the next two weeks this number was increased to twenty-eight regular pupils and and five part-time pupils. The State Board of Education limits the number of boys in Agriculture to twenty for a single instructor, but it was deemed wise to admit the above number since it was certain that some were temporarily attracted because of the newness of the work. Thirty-two boys carried on projects during the spring and summer, but owing to graduation in June and other causes twenty-three continued the work in September. This number held until November when two members went into active farm work. In December the sad accident to Bertram Riessle removed a much interested and earnest worker.

The enrollment by ages is as follows :

14-15	.	.	.	.	.	.	7
15-16	.	.	.	.	.	.	9
16-17	.	.	.	.	.	.	11
17-18	.	.	.	.	.	.	2
18-19	.	.	.	.	.	.	3
19-20	.	.	.	.	.	.	1
							<hr/>
Total	.	.	.	.	.	.	33

The enrollment by subjects is as follows :

Kitchen and Market Gardening, including intensive study of at least thirteen vegetables						26
Poultry culture						10
Dairying						4
Orcharding						4
Swine management						4
Small fruits						3
Sheep husbandry						2

Instruction is carried on in two divisions, the first occupying the first half of each day while the remainder of the time is taken by the second division. This gives each boy three hours a day for the study of agriculture. The first hour is taken for a report on assigned text-book work on general agriculture. The second and third hours are spent in intensive individual study of the home project. To aid in this a reference library of one hundred and twenty standard books, and approximately two thousand selected bulletins have been accumulated. These bulletins are arranged in filing cases under forty titles. Daily use of these materials teaches the boy how and where to find any information and prevents that narrowness of view often so plainly evident when but one text is followed.

Each boy with the advice of the instructor chooses a project which fits his inclinations and home equipment. The variety and scope of these projects may be interesting. The individual garden projects varied in size from one-twentieth acre to an area of nearly three acres in sweet corn, muskmelons and tomatoes. The potato areas were from one-eighth to one-quarter acre. The poultry projects consisted of from ten to seventy birds. One young man had twelve sheep. The swine project boys had from two to eight pigs. Three dairy projects included four cows in each, the

entire production and even the retail delivery of the milk being under the charge of these boys. Seven boys performed regular farm work besides carrying on a project. One young man obtained very valuable training as retailing salesman for his father's market gardening business.

Each boy looks up references on his project, studies and discusses them with the teacher, the conclusion is drawn by the boy and recorded in mind and notebook. Thus, for two hours each pupil really becomes a class of one conning, it may be, the work of ten different experts to get information in every phase of his particular business. Principles and practices are then selected which he can and will put into actual operation. After a subject has been satisfactorily completed each pupil reports his work to the class.

Since bookkeeping has so much to do with profitable farming, pupils are early taught to keep records. This is made comparatively easy by the use of a time-sheet on which are kept a daily record of the weather, temperature, project sales, project expenses, hours of labor, and all other data necessary to a cost-accounting of the project. Owing to the unfavorable growing season, the cost of production of vegetables this year was high. Twelve flocks of poultry and three dairy herds are being cost-accounted by the boys.

The agricultural room is finely equipped along practical lines which makes it ideal for its purposes. It is provided with thirteen business desks, a card index and filing systems, seventy-five square feet of laboratory table, gas, hot and cold water, acid-proof sink, standard outfits for testing: seeds for germination and viability, milk and its products for butter-fat, soils for acidity and alkalinity, and other small apparatus necessary to the study of soil physics and chemistry. That present-day problems may not be overlooked the following papers are received regularly: "Gleanings in Bee Culture," "Hoard's Dairyman," "New England Homestead," "Better Fruit," "Garden Magazine," "Market Growers' Journal" and "Breeder's Gazette." Through the

kindness of Mr. John H. Robinson the department receives "Farm Poultry," a publication of recognized merit in poultrydom. Members of the class also present "Farm and Fireside," "Country Gentleman" and "Farm Journal."

The results from this line of work are many. The boy is taught to produce, he early becomes motor-minded and learns how and why to do things. As some one put it, an agricultural education enables one always to land on one's feet with the confidence that a comfortable living can always be got from the earth under any circumstances. The unfavorable growing season of 1915 with its abnormal rainfall affected the projects of practically every boy, ranging from the loss of a single crop to the entire garden project. The following figures are taken from the record of employment of the twenty-eight members of the department for five and one-half months' project work in 1915. These figures are not guess work but are taken from true records vouched for by parents and instructor. The grand totals from all work in cash and credit amounts to the sum of \$2150.27, or an average per boy of \$76.79. The ten leaders earned in cash or credit the following amounts:

1st	.	.	\$355 37	6th	.	.	\$113 56
2nd	.	.	180 00	7th	.	.	111 87
3rd	.	.	179 13	8th	.	.	104 26
4th	.	.	172 09	9th	.	.	88 95
5th	.	.	164 74	10th	.	.	86 83

An interesting feature of the work has been the Instructor's frequent inspection of the home project work, of which upwards of three hundred were made during the year. A single round of inspection covers more than fifty miles in the towns of North Reading, Wilmington, Stoneham, Wakefield and Reading. This work has also been inspected by Mr. Rufus W. Stimson of the State Board of Education, Professor Works of Cornell University, Mr. Walter S. Parker, Chairman of the Reading School Committee, Mr. Guss of the

Essex County Agricultural School, and Mr. Bronson of the U. S. Department of Agriculture. The visitors at the agricultural room have been many.

The Instructor in turn has spent two weeks at the Massachusetts Agricultural College and has inspected the work being done in agriculture at the Concord High School, Bristol County School at Segregansett and the Essex County School at Hathorne.

I wish to thank you for the splendid interest and hearty support you have given this work. Keen appreciation is also felt for the close co-operation of teachers, parents and pupils during the year.

Respectfully submitted,

JOHN G. POWERS,

Instructor in Agriculture.

READING HIGH SCHOOL

Graduation Exercises

CLASS OF

.. 1915 ..

WEDNESDAY EVENING, JUNE TWENTY-THIRD
SEVEN-THIRTY O'CLOCK

High School Hall

PROGRAM

Prayer by Rev. J. J. Cogan

- Overture ORCHESTRA
- 1 National Preparedness (Salutatory)
*RUTH C. ROBERTS
- 2 Paying Their Debt
† HAROLD V. WILLIAMS
Music—The Olang of the Forge THE CHORUS
- 3 Piracy, New and Old
‡ DOROTHY F. MORSE
Violin Duet
RENA MICHELINI, CHARLES CROWHURST
- 4 Through Memory's Glass
"L'Allegro" Revised and Improved by
‡ MALCOLM C. DAVIS
- 5 The New England Farmer—Past, Present and Future
† STEWART P. BATCHELDER
Music THE CHORUS
(a) Flow Gently, Sweet Afton
(b) My Old Kentucky Home
- 6 Edward McDowell (Valedictory)
* HAZEL M. WHITE
- 7 Valedictory Address
* HELEN L. BAILEY
Music THE CHORUS
(a) Love's Old Sweet Song
(b) Out on the Deep
- Conferring of Diplomas
WALTER S. PARKER, Chairman of School Committee
- Benediction by Rev. D. Augustine Newton

DIRECTOR OF MUSIC ARTHUR HAROLD TOZER
ACCOMPANIST HAZEL M. WHITE

*Scholarship Honors †Class Honors ‡Faculty Honors

CLASS OF 1915

Gracie Mills Atkinson	Warren Leroy Moulton
Helen Livingstone Bailey	Wendell Bancroft Newell
Stewart Putnam Batchelder	Clifton Staniford Nichols
Frank Travers Berry	Catherine Eva Parks
Herman Edward Brown	Catherine Jeanette Pheney
Thomas R. Burns	Edward Gerard Quinlan
Madeline Bertha Clark	Blanche Elizabeth Rich
Charles Crowhurst	Elmer Hanley Richardson
Dorothy Mildred Ourrell	Delma Frances Riley
Philip Arthur Damon	Ruth Cummings Roberts
John Chandler Dane	Channing Folsom Savage
Malcolm Carter Davis	Robert Batchelder Shepardson
Frances Elizabeth Doucette	Ethel Julia Squires
Mary Agnes Fay	Chester Dillingham Stevens
Stanley Roland Gerard	Milton Warren Symonds
Chester Gould	Mermet Victoria Townsend
Horace Graham Hall	Raymond Leavitt Turner
Irene Gentle Hall	Richard Goodwin Walsh
Edith Helena Heselton	Eva Mira Webb
Perley Oliver Judkins	Hazel Melville White
Mary Margaret Kennedy	Harold Vanderelst Williams
Gladys Miller Kinsman	
Viola Angele Lang	
Clifton E. Mack	
Lena Catherine Marchetti	AVERAGE RANK OVER 90
Sybil Ramona Marshall	Helen Livingstone Bailey
Paul Gordon MacKenzie	Stewart Putnam Batchelder
Rena Juliette Michelini	Frank Travers Berry
Gladys Evelyn Milbury	Ruth Cummings Roberts
Donald Howard Morse	Channing Folsom Savage
Dorothy Francene Morse	Hazel Melville White
	Harold Vanderelst Williams

READING HIGH SCHOOL IVY DAY EXERCISES

CLASS OF 1915

High School Hall, Tuesday Afternoon, June Twenty-second

AT THREE O'CLOCK

CLASS MOTTO—"Not failure, but low aim is crime"

PROGRAM

- 1 Address of Welcome and Presentation of Class Gift

*MILTON W. SYMONDS

- 2 Announcement of Class Elections

1 Most Popular Girl	13 Class Cut-up
2 Most Popular Boy	14 Class Flirt
3 Prettiest Girl	15 Most Fickle
4 Handsomest Boy	16 Greatest Talker
5 Outest Girl	17 Most Dignified
6 Neatest Girl	18 Faculty Pet
7 Neatest Boy	19 Jolliest Girl
8 Class Athlete	20 Jolliest Boy
9 Most Bashful Girl	21 Most likely to succeed
10 Most Bashful Boy	22 Class Grind
11 Wittiest Girl	23 Greatest Worker
12 Wittiest Boy	24 Greatest Bluffer

*BLANCHE E. RICH

- 3 Double Quartette "Anchored"

Paul MacKenzie, Edward Quinlan, Louis Whit-
church, Herbert McLeod, Philip Damon, Chas.
Crowhurst, Warren Moulton, Robert Shep-
ardson.

4 Class Prophecy

† DOROTHY M. CURRELL

† EDWARD G. QUINLAN

5 Presentation of Athletic Medals

Stewart P. Batchelder	Paul G. MacKenzie
Frank T. Berry	Donald H. Morse
Thomas R. Burns	Warren L. Moulton
Philip A. Damon	Clifton S. Nichols
Perley O. Judkins	Milton W. Symonds

6 Awarding of Prizes

A. E.	C. & N.
O. E. E. B.	P. F. L.
2:10	B-to-B.
A. M.	B. M.
H. W. E.	W. E.
Ph. D.	A.
L. M.	

† ROBERT B. SHEPARDSON

7 Class Will

* DONALD H. MORSE

8 School Song

The audience will please adjourn to the Linden Street side of the building for the

PLANTING OF THE IVY

9 Ivy Oration

THOMAS R. BURNS

10 Acceptance of the Spade

MELVIN L. PARSONS, President of 1916

Informal Reception in the Hall after the Exercises

CLASS OFFICERS

Thomas R. Burns, President

Frank T. Berry, Vice President

Hazel M. White, Treasurer

Ruth C. Roberts, Secretary

CLASS DAY COMMITTEE

Philip A. Damon, Chairman

Perley O. Judkins

Gracie M. Atkinson

Clifton S. Nichols

Madeleine B. Clark

* Faculty Honor

† Class Honor

ANNUAL CONCERT

READING HIGH SCHOOL, FRIDAY, MARCH 19, 1915

PART I

Overture R. Gruenwald

R. H. S. ORCHESTRA

Reading—How the Larue Stakes were Lost .

MISS IRMA McDAVITT

The Jolly Blacksmith's Lay Giebel

BOYS' GLEE CLUB

The Isle of Nid-Nod Marzo

GIRL'S GLEE CLUB

Reading—Over the Baluster

MISS IRMA McDAVITT

Violin Obligato

RENA MICHELINI

Overture Schlepegrell

R. H. S. ORCHESTRA

PART II

“THE ERL-KING’S DAUGHTER”

ASSISTED BY

MR. NELSON H. RAYMOND, Baritone

MISS FANNIE LOTT, Soprano

Prologue

PART I

The Sun in Ocean Sinks to Rest

CHORUS

When Through the Meadows of Tender Green

MR. RAYMOND

Bring Forth My Fleet, Sure-Footed Steed

MR. RAYMOND, MISS LOTT AND CHORUS

PART II

Night, Thou Art Silent

MR. RAYMOND

Lightly Through the Wood

MR. RAYMOND AND GLEE CLUB

Oh, Welcome

MISS LOTT, MR. RAYMOND AND GLEE CLUB

PART III

I Watched Before the Castle Gate

MISS LOTT AND CHORUS

Hear Me, My Son

MISS LOTT, MR. RAYMOND AND CHORUS

Epilogue

CHORUS

ARTHUR HAROLD TOZER, Musical Director

MISS GLADYS MILBURY, Accompanist, Glee Clubs

MISS HAZEL WHITE, Accompanist, Chorus

HIGH SCHOOL MINSTREL SHOW

MARCH 5, 1915

We are pleased to print the program of the minstrells hear
Now LISTEN!

- I Opening Chorus
- II Novelty Song HERBERT ESTERBERG
"At the Vedding Jubilee"
- III End Song EDWARD QUINLAN
"100 Years From Now"
- IV Selections by High School Quartet
BURNS, QUINLAN, WHITCHURCH AND MOULTON
- V End Song RUBY FORBES
"There's a little spark of love still burning"
- VI Harry Lauder THOMAS BURNS
"She's the lass for me"
- VII Moving Picture
"Shirtless Homes Captures a Murderer"
- VIII Harry Lauder THOMAS BURNS
"Its nice to get up in the morning"
- IX Bert Williams DOROTHY CURRELL
"Woodman, Woodman, Spare that Tree"
- X Duet RUBY FORBES AND THOMAS BURNS
Selected
- XI Local Parodies BOB MCKENNA
Sung with apologies
- XII Finale

GIRLS' GLEE CLUB CONCERT

R. H. S. HALL

MAY 28, 1915

The Shepherd Lady
Bendemeer's Stream

GLEE CLUB

The Sweetest Story Ever Told
MISS RUBY FORBES

Reading
MISS DOROTHY CURRELL

Messidor
R. H. S. ORCHESTRA

Come Back to Erin
Little Orphant Annie
GLEE CLUB

Love is the Light of the World
MISS VIOLA A. LANG

Hesitation—Piano Solo
MISS GLADYS MILBURY

Spirit of Independence
R. H. S. ORCHESTRA

The Moon Hangs Low
Juanita
GLEE CLUB

MR. ARTHUR HAROLD TOZER, Director
MISS GLADYS MILBURY, Accompanist

CHRISTMAS CHAPEL

DECEMBER 23, 1915

1 Doxology

2 Responsive Reading. Ps.

3 Hymn—"Away in a Manger"

4 The Lord's Prayer

5 Gloria

6 Stille Nacht Julia Culp (Victrola)

7 Carols: a Good King Wenceslas

b God Rest You, Merry Gentlemen

GIRLS' GLEE CLUB

8 Recitation—Christmas Revels MISS VIRGINIA RHEIN

9 Christmas Cradle Song . . . MISS RUBY FORBES

10 The Mediator . . . HIGH SCHOOL ORCHESTRA

HIGHLAND SCHOOL CONCERT

TUESDAY EVENING, MAY 18, 1915 GIVEN BY CLASS OF 1915

MR. ARTHUR HAROLD TOZER	.	.	.	.	Director
MASTER ALBION METCALF	.	.	.	.	Accompanist

PART ONE

Boys' Drill . . . SIXTEEN BOYS IN GRADE EIGHT

Recitation—"Pro Patria" DORIS CUTCLIFFE

Piano—Selections from "The White Lady" Boieldieu
LAWRENCE COPELAND

Folk Dance—"The Grapevine"
SIXTEEN GIRLS GRADE EIGHT

Recitation—"Angela's Mission Box" . . . DORIS CUTCLIFFE

Piano—"Wood Nymphs"	Trygve Torjussen
"Valse Chromatique"	Benjamin Godard

ALBION METCALF

Fancy Dance DORIS CUTCLIFFE

PART TWO

A CANTATA—"THE BELLS OF ELFARNIE"

Words by Arthur J. Godden Music by Hugh Blair

Story of the Cantata TOLD BY LEANDER POOR

CHORUSES by the Graduating Class

SOLOS by Miss Ruby Forbes and Miss Viola Lang

PUPILS GRADUATING FROM HIGHLAND SCHOOL

JUNE 24, 1915

BOYS

Atkinson, George H.
 Bent, Dana P.
 Berry, Paul R.
 Blood, Roger M.
 Bond, William H.
 Briggs, Norman E.
 Brogan, Roy J.
 Brown, Ernest E.
 Burbank, Arthur G.
 Cahill, Thomas E.
 Cauty, Elliott J.
 Clough, Robert M.
 Cook, A. Douglass
 Copeland, Lawrence A.
 Cowles, Sidney M.
 Cox, Allan M.
 Dow, John A.
 Dulong, Henry J.
 DuPont, Foster J.
 Ells, D. Archie
 Fife, G. Donald
 Galvin, J. Leo
 Geary, Paul J.
 Gibbons, A. Edward
 Granfield, Robert S.
 Graves, Wellman A.
 Hardy, Harold W.
 Harvey, Irving A.
 Johnson, Oscar H.
 Keith, Charles
 Magnus, Ludwig R.
 Metcalf, Albion E.
 Michelini, Ralph A.

GIRLS

Bancroft, Sarah
 Bell, L. Katherine
 Bennett, Mildred
 Berry, Ruth E.
 Brown, Vivian
 Butters, Louisa
 Cummings, Mary H.
 Curtis, Ruth E.
 Doucette, Grace L.
 Ellis, Marion F.
 Esner, Ida R.
 Florence, Mildred E.
 Gauthier, Eva A.
 Gaw, Ella E.
 Hill, Doris M.
 Hunt, Gertrude E.
 Hutchinson, M. Eleanor
 Ingalls, May E.
 Kinney, Margaret
 Kinsman, Viola
 Lowell, Bernice
 Mansfield, Jennie A.
 Moore, Pearl E.
 Morse, Myrtle L.
 O'Brien, Mary E.
 Putnam, Gertrude D.
 Quinlan, Genevieve
 Reeves, Ruth L.
 Richards, Margaret A.
 Richardson, Muriel
 Robinson, Edith L.
 Robinson, Lucille
 Saunders, Esther M.

BOYS

Nowell, Bartlett
Perry, Elwyn
Poor, Leander H.
Putnam, James T.
Quillen, William D.
Quimby, Carlyle F.
Riessle, Herman L.
Riley, Martin P.
Robinson, Henry E.
Sawyer, Russell L.
Sewell, Robert R.
Sheehan, Daniel C.
Smith, Fred J.
Spillane, Patrick
Squires, George D.
Storey, Sidney I.
Tasney, Charles E.
Ticknor, Arthur R.
Wade, Alfred P.
White, Clarence J.
White, Walter E.
Wichland, George A.

GIRLS

Schwarz, Katherine L.
Sheldon, Aileen F.
Stafford, Marjorie F.
Trevor, Gladys
Wendall, Wanda E.
Williams, Alice
Wilson, Vera E.

STATISTICS OF SCHOOL CENSUS

NUMBER OF CHILDREN IN TOWN BETWEEN 5 AND 15 YEARS

September, 1889	.	.	.	.	.	.	.	832
" 1900	.	.	.	.	.	.	.	853
" 1901	.	.	.	.	.	.	.	890
" 1902	.	.	.	.	.	.	.	915
" 1903	.	.	.	.	.	.	.	967
" 1904	.	.	.	.	.	.	.	938
" 1905	.	.	.	.	.	.	.	972
" 1906	.	.	.	.	.	.	.	1022
" 1907	.	.	.	.	.	.	.	997
" 1908	.	.	.	.	.	.	.	1005
" 1909	.	.	.	.	.	.	.	1029
" 1910	.	.	.	.	.	.	.	1030
" 1911	.	.	.	.	.	.	.	1013
" 1912	.	.	.	.	.	.	.	1048
" 1913	.	.	.	.	.	.	.	1121
" 1914	.	.	.	.	.	.	.	1059
" 1915	.	.	.	.	.	.	.	1142

NUMBER OF CHILDREN IN TOWN BETWEEN 7 AND 14 YEARS

September, 1899	.	.	.	.	.	.	.	648
" 1900	.	.	.	.	.	.	.	648
" 1901	.	.	.	.	.	.	.	680
" 1902	.	.	.	.	.	.	.	636
" 1903	.	.	.	.	.	.	.	682
" 1904	.	.	.	.	.	.	.	758
" 1905	.	.	.	.	.	.	.	698
" 1906	.	.	.	.	.	.	.	759
" 1907	.	.	.	.	.	.	.	723
" 1908	.	.	.	.	.	.	.	695
" 1909	.	.	.	.	.	.	.	737
" 1910	.	.	.	.	.	.	.	708
" 1911	.	.	.	.	.	.	.	784
" 1912	.	.	.	.	.	.	.	745
" 1913	.	.	.	.	.	.	.	778
" 1914	.	.	.	.	.	.	.	771
" 1915	.	.	.	.	.	.	.	791

Length of school year, 1914-1915	9 mo. 3 wks.
Number of days lost from stormy days, etc.	14 days
Actual length of school year	9 mo. 1-2 day
Number of different pupils enrolled for the year ending June, 1915	1355

AVERAGE NUMBER IN EACH OF THE TWELVE GRADES FOR THE
FIRST FOUR MONTHS OF THE SCHOOL YEAR

YEAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	SP.	TOTAL
1899	120	103	102	87	108	75	93	68	56	46	17	23	5	903
1900	127	136	66	107	89	98	66	82	49	37	36	14	0	907
1901	177	102	108	77	105	87	97	64	61	42	28	25	5	978
1902	142	126	90	86	117	98	100	79	56	64	34	21	4	1008
1903	127	114	103	104	86	109	97	93	63	61	53	31	9	1050
1904	129	131	116	116	95	91	109	86	79	61	53	54	4	1124
1905	129	118	130	124	105	104	88	100	85	76	45	48	4	1156
1906	118	129	109	127	120	100	93	100	88	72	63	42	5	1166
1907	120	110	150	114	123	109	96	110	78	82	58	50	6	1206
1908	123	111	120	128	97	138	97	118	92	75	75	47	5	1226
1909	133	113	118	124	119	93	116	108	110	79	68	62	7	1250
1910	119	116	105	121	120	109	88	108	116	98	75	53	9	1237
1911	112	113	114	103	127	97	125	100	99	78	69	58	6	1201
1912	134	111	109	111	116	129	87	126	87	84	66	63	5	1228
1913	155	130	110	94	120	130	115	99	117	72	64	56	4	1266
1914	169	132	130	109	88	128	130	124	97	78	65	53	7	1310
1915	210	134	136	138	120	97	124	149	118	76	75	54	8	1439

**TEACHERS IN SERVICE, DEC. 31, 1915, WHERE EDUCATED, YEAR WHEN APPOINTED
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 23, 1915**

School	Grade	Teachers	Where Educated	Year When Appointed	Salary	Total Enrollment	Average Membership	Average Attendance	Per cent. of Attendance
High	IX-XII	A. L. Safford, Principal and Supt.	Bates College	1913	\$2300	335	329.	308.3	93.7
	"	Harry R. Howe, Sub-Master	Harvard University	1914	1200				
	"	Agnes M. Gilmore, Asst. Prin.	Boston University	1910	1200				
	"	Helen K. Abbott	Mt. Holyoke College	1915	1000				
	"	Louise A. Berthold	Tufts College	1914	650				
	"	Frances M. Brooks	Rochester Business Institute	1915	850				
	"	Marion Corliss	Wellesley College	1913	750				
	"	E. Frances Greenhalgh	Bay Path Institute	1914	650				
	"	Alice M. Lombard	Bay Path Institute	1907	1000				
	"	Josephine M. Minihan	Radcliffe College	1913	700				
	"	Helen M. Purnell	Vassar College	1915	700				
	"	Vera Young	Mt. Holyoke College	1915	650				
	"	Anita A. Vale	Mt. Holyoke College	1915	750				
Highland	"	Alice Barrows, Principal	Bridgewater Normal	1880	1200				
	"	Emma S. Page, Assistant	N. H. State Normal	1899	775	50	46.5	43.3	92.1
	"	Alice E. Hood	Concord Training School	1902	725	50	48.	45.6	95.
	"	Fannie C. Whittemore	N. H. State Normal, Hyannis	1905	725	49	48.1	45.9	96.4
	Jun. Inter.	Mabel P. Williams	Lowell Normal	1911	675	43	37.6	34.6	92.1
	"	Sadie V. Johnstone	Farmington, Me., Normal	1913	625	43	41.9	39.3	93.8
	"	L. Evelyn Williams	Lowell Normal	1914	650	38	37.4	34.9	93.3
	V1	Ethel M. Reed	Farmington, Me., Normal	1913	600	48	47.6	44.6	93.7
	V1	Mabel I. Mathewson	Fitchburg Normal	1912	625	49	45.8	42.8	93.5
	V	Marjorie O. Symmes	Boston Normal	1913	600	46	44.1	41.9	94.8
	V	Dorothy M. Carlisle	Concord Training School	1911	600	43	39.1	36.4	93.1
Centre	III	M. Grace Wakefield, Principal	Salem Normal	1890	700	46	44.8	42.1	93.9
	III	Vera Buckle	Boston University	1915	500	46	41.2	38.8	94.1
	III	Alda L. Parker	Westfield Normal	1914	625	32	29.4	27.5	93.5
	IV	Emily Seaway	Washington, Me., Normal	1913	575	40	38.2	35.9	93.7
	IV	Phoebe M. Doran	Salem Normal	1913	550	49	44.9	41.6	92.7
	IV-V	Joyce L. Fielder	Salem Normal	1908	625	46	43.8	41.6	94.3

TEACHERS IN SERVICE, DEC. 31, 1915, WHERE EDUCATED, YEAR WHEN APPOINTED
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 23, 1915 (CONTINUED)

School	Grade	Teachers	Where Educated	Year When Appointed	Salary	Total Enrollment	Average Membership	Average Attendance	Per cent. of Attendance
Union St.	I.	Anna P. Reid, Principal.	Reading High	1884	\$700	41	34.6	32.2	91.
"	II.	Ethel J. Bent	Conn. Normal, E. Greenwich	1911	625	41	39.1	36.	92.2
"	I.	Marion H. Morgan	Bridgewater Normal	1904	650	63	55.1	50.7	91.7
"	I.	Mabel A. Porter	Rust Kindergarten	1911	625	62	54.1	47.1	86.7
Prospect St.	I-II	Ada E. Dow, Principal.	Lowell Normal	1909	700	53	51.2	50.1	95.6
"	Assistant.	Helen G. Quinlan	Salem Normal	1915	500	...	...	...	...
"	III-IV	Eleanor F. Emerson	Salem Normal	1915	650	47	46.1	44.5	96.4
Lowell St.	III-IV	Hannah B. Sargent, Principal	Castine Normal	1914	650	35	35.	34.	97.
"	I-II	Caryl M Porter	Rust Normal Kindergarten	1911	625	42	41.	39.1	94.
Chestnut Hill	I-II-III	A. Isabelle Parker	Dean Academy	1911	625	31	27.3	26.9	98.5
		Annie B. Parker, Drawing.	Prang's Normal Art	1892	500				
		Eunice N. Bancroft, Sewing	.....	1908	525				
		Arthur H. Tozer, Music .....	.....	1910	600				
		Ernest M. Leland, Manual Training	.....	1915	1000				
		H. Shirle Martin, Domestic Science.	.....	1915	600				
		Florence Nichols, Physical Culture.	.....	1915	500				
		John G. Powers, Agriculture .....	.....	1915	2100				
		Myrtle D. Wells, Clerk .....	.....	1910	450				

REPORT OF TRUANT OFFICER

1915

Number of absences reported to me	119
Number found to be truancy	62
Number reported by parents as ill	14
Number reported insufficiently clad	18
Number kept out by parents to work or otherwise	23
Number put on probation	1
Number sent to Truant School	2

Respectfully submitted,

WILLIAM KIDDER, Truant Officer.

LIST OF JANITORS WITH THEIR SALARIES, DECEMBER 31, 1915

	(Per week)	
Clement Gleason	\$18 00	\$936 00
William Kidder	16 25	845 00
Jesse N. Hutchinson	17 00	884 00
Mrs. Ara A. Pratt	8 50	442 00
Sylvanus L. Thompson		192 00
Timothy Cummings		144 00
Daniel Sewell		72 00
Charles H. Stinchfield		75 00

OTHER SALARIES

E. Dalton Richmond, M. D., Medical Inspector	\$200 00
William Kidder, Truant Officer	104 00
William H. Killam, Census Enumerator	50 00

SCHOOL COMMITTEE FINANCIAL STATEMENT, 1915

RECEIPTS

GENERAL SCHOOL ACCOUNT:

Appropriation from tax levy . . .	\$43,000 00
Tuition from North Reading . . .	2,382 00
Tuition from Middleton . . .	24 00
Tuition of State Minor Wards . . .	130 50
Tuition of Boston Minor Wards . . .	108 00
Reimbursement of Industrial Schools tuition	163 35
Rent of John St. Schoolhouse . . .	36 00
Sale of Prospect St. Building . . .	25 00
Telephone tolls and sundries . . .	14 25
Refund on freight	6 20
	<hr/>
	\$45,889 30

SPECIAL ACCOUNTS:

Appropriation from tax levy:	
For typewriters	\$500 00
For grounds	600 00
For retopping High School chimneys . . .	400 00
For industrial schools tuition . . .	500 00
Union Street School, balance from 1914	487 19

AGRICULTURE:

Appropriated from tax levy . . .	\$2000 00
Tuition received:	
From North Reading, May 1—Sept. 1 . . .	168 00
From Stoneham, May 1—Sept. 1 . . .	280 00
From North Reading, Sept. 1—Dec. 1 . . .	154 00

From Stoneham, Sept. 1—Dec. 1	.	\$154 00	
From Wakefield, Sept. 1—Dec. 1	.	14 00	
		<u> </u>	\$2,770 00
			<u>\$51,146 49</u>

EXPENDITURES

	Amount expended 1914	Amount expended 1915
Teachers' and Superintendent's salaries .	\$28,463 70	\$30,989 43
Janitors' salaries .	3,474 50	3,540 00
Other salaries:		
Truant Officer .	\$104 00	\$104 00
Medical Inspector .	200 00	200 00
Census Enumerator .	65 00	50 00
	<u> </u>	<u> </u>
	369 00	354 00
Transportation of pupils	850 00	1,046 25
Tuition paid . . .	408 50	14 14
Books	1,291 17	1,353 20
Supplies for pupils .	1,771 34	2,354 40
Apparatus for teaching	290 00	190 71
GENERAL EXPENSE:		
Printing and advertising	157 51	185 74
Office supplies and stationery . . .	40 39	90 47
Telephones . . .	124 46	138 13
School Committee expenses . . .	30 80	23 96
Superintendent's expenses	4 65	
Lectures and public meetings . . .		10 00
Insurance . . .		193 00
	<u> </u>	<u> </u>
	357 81	641 30
Fuel	3,153 74	3,108 99

BUILDING MAINTENANCE:

Light . . .	\$147 06	\$215 95
Water . . .	291 76	275 38
Removal of ashes . .	122 01	93 25
Janitors' supplies . .	397 24	422 99
	<u>958 07</u>	<u>\$1,007 57</u>

REPAIRS:

Buildings . . .	813 08	913 73
Furniture . . .	232 18	255 43
Grounds . . .	163 35	119 50
	<u>1,208 61</u>	<u>1,288 66</u>
	<u>\$42,596 44</u>	<u>\$45,889 25</u>

SPECIAL ACCOUNTS:

Repairs and altera- tions . . .	\$1,162 81	
Apparatus . . .		499 05
Grounds . . .		587 41
Repairs . . .		887 19
Industrial school tui- tion . . .		470 50
Agriculture . . .		2,770 00
		<u>5,214 15</u>
		<u>\$51,103 40</u>
Total unexpended balances . . .		<u>43 09</u>
		<u>\$51,146 49</u>

DETAIL OF EXPENDITURES, 1915—GENERAL SCHOOL ACCOUNT

TRANSPORTATION OF PUPILS:

Bay State Street Railway Co., ticket books	\$950 00
Borthwick, James, barge service	96 25
	<u>\$1,046 25</u>

TUITION PAID--TRUANT SCHOOL:

Middlesex County, tuition	14 14
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Books :

Allyn & Bacon, books	\$132 62
American Book Co., books . . .	49 46
American Express Co., expressage	9 55
Appleton, D. & Co., books . . .	60 34
Babb, E. E. & Co., books	233 22
Barnard, F. J., rebinding books .	64 67
Century Co., The, books	24 00
Cummings' Express, expressage .	42 89
Dictionary of Thoughts Pub. Co., book	3 75
Ditson, Oliver Co., music	86 85
Fisher, Carl, music	4 73
Funk & Wagnalls Co., book . . .	1 20
Ginn & Co., books	297 90
Goodyear-Marshall Pub. Co., drills	3 60
Gregg Publishing Co., books . . .	55 42
Hammett, J. L. Co., books	8 91
Heath, D. C. & Co., books	23 26
Houghton, Mifflin Co., books . .	32 13
LaSalle Extension University, book	85
Little, Brown & Co., books . . .	40 07
Macmillan Company, books	22 16
Meek, Henry M. Pub. Co., direc- tories	7 00
Milton Bradley Co., books	12 68
Rand, McNally & Co., books . . .	7 42
Scribner's Sons, Charles, books . .	27 35
Silver, Burdett & Co., books . . .	58 31
Thompson, C. W. & Co., music . .	27 82
Winston, John C. Co., books . . .	3 78
World Book Company, books . . .	11 26
	<hr/> \$1,353 20

SUPPLIES FOR PUPILS :

American Express Co., expressage	\$23 37
Atkinson, G. H. Co., supplies . .	13 65
Atkinson, Mentzer & Co., paper .	46 98

Babb, E. E. & Co., supplies . . .	\$585 84
Bowles, C. C. & Co., sewing machine	23 00
Caldwell, Edward, paper . . .	8 00
Central Scientific Co., supplies . .	3 09
Chandler & Barber, manual training supplies	3 16
Chapin, Earle H., supplies . . .	3 80
Cummings' Express, expressage .	36 99
Eagle Pencil Co., pens and pencils	84 48
Eastern Drug Co., supplies . . .	9 49
Edgerley & Bessom, rent of chairs	2 50
Elmwood Inn, toweling	6 25
Emery, F. E., flowers for chemistry	50
Francis Bros., supplies	7 36
Ginn & Company, supplies . . .	75 28
Globe Optical Co., tests	1 00
Hammett, J. L. Co., supplies . . .	735 24
Knott, L. E. Apparatus Co., supplies	129 73
Library Bureau, transfer cards .	2 50
Macey-Stetson-Morris-Co., cards .	11 45
McArdle, H. B., supplies	9 45
McIntosh, D. O., calculation pads	24 32
Milton Bradley Co., supplies . . .	81 14
Morgan, Marion H., penmanship supplies	1 28
Palmer, The A. N. Co., penmanship supplies	14 56
Remington Typewriter Co., supplies	151 40
Robey-French Co., supplies	9 03
Rockport Fish Market, supplies for Zoology	2 15
Rosen's Talking Machine Shop, Spanish outfit	30 00
Royal Typewriter Co., shields . . .	1 50
Silver, Burdett Co., cards	15 16
Smith, Fred F., biology supplies . .	3 58

Stone & Forsyth Co., supplies . . .	\$24 90	
Stuart-Howland Co., supplies . . .	54 01	
Thompson, A. T. & Co., supplies . . .	25 50	
Underwood Typewriter Co., tables . . .	24 50	
Wallace, F., supplies	2 45	
Warren-Allen Carpet Co., lino . . .	24 01	
Wilkinson, A. J. & Co., supplies . . .	40 05	
Zwicker, Jason, teaming	1 75	
	<hr/>	\$2,354 40

APPARATUS FOR TEACHING :

Clark, Henry N. Co., stoves	51 00	
Hammett, J. L. Co., blackboard . . .	14 10	
Macy, B. F., Domestic Science supplies	86 76	
Prescott & Co., wringer	4 65	
Rosen's Talking Machine Shop, Cortina B. B. outfit	34 20	
	<hr/>	190 71

GENERAL EXPENSES

PRINTING AND ADVERTISING :

Burbank Engraving Co., halftones . . .	8 55	
Scott, O. L., photographs	2 50	
Twombly, W. E. & J. F., printing . . .	174 69	
	<hr/>	185 74

OFFICE SUPPLIES AND STATIONERY :

Hill, Smith Co., supplies	9 98	
Library Bureau, supplies	19 53	
Macey-Stetson-Morris-Co., supplies . . .	50 55	
Manifold Manufacturing Co., snap wallets	7 50	
Ward, Samuel, supplies	2 91	
	<hr/>	90 47

TELEPHONES :

N. E. Tel. & Tel. Co., telephones . . .	138 13
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SCHOOL COMMITTEE EXPENSES:

Flint, George L., auctioneer . . .	\$1 00	
Gilmore, Agnes M., ribbon for diplomas	9 50	
Long, Richard W., engraving diplomas	13 46	
	<hr/>	\$23 96

LECTURES AND PUBLIC MEETINGS:

Berle, Rev. A. A., lecture . . .	10 00
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INSURANCE:

Prentiss & Viall, insurance . . .	193 00
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FUEL:

Bancroft, Wendell & Co., coal and wood	384 22	
Boston & Maine R. R., freight . . .	1,014 11	
Malden & Melrose Gas Light Co., gas	39 88	
Russell Coal Co., coal	804 87	
Sewell, Daniel, wood	3 00	
Sweetser, Percy N., coal and teaming	849 91	
Zwicker, Jason, wood	13 00	
	<hr/>	3,108 99

BUILDING MAINTENANCE

LIGHTS:

Municipal Light Board, lights . .	215 95
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WATER:

Reading Water Works, water . . .	275 38
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REMOVAL OF ASHES:

Cail, F. W.	2 50	
Cummings Express	75 75	
Zanni, Angelo	15 00	
	<hr/>	93 25

JANITORS' SUPPLIES:

Adams Company, cheese and oil cloth	\$2 50
Albany Supply Co., floor oil . . .	1 80

Atkinson, G. H. Co., supplies	\$8 44
Barnes, Henry K. Co., fire extin- guishers	34 00
Dallman, H. I. Co., soap and brushes	78 50
Knight & Thomas, supplies	4 00
Knox & Morse Co., Pinoline	50 18
Masury-Young Co., supplies	98 13
Ordway, O. O., repairing	2 25
N. E. Petroleum Co., paraffine	8 82
Pyrene Co. of New England, fire extinguisher	6 30
Somerville Brush Co., brushes	14 00
United Anti-Dust Co., Anti-dust	5 00
Wallace, F., supplies	2 60
Wilkinson, A. J. & Co., supplies	92 63
Worcester, G. H. & Co., supplies	13 84

 \$422 99

REPAIRS

BUILDINGS :

Bancroft, Wendell & Co., wood	\$53 25
Betts, George E., repairs	71 83
Burgess, R. P., repairing boiler	12 00
Clapp, R. D., repairs	249 51
Clapp & Leach, repairs	3 15
Eames, L. T., repairs	16 63
Ellenwood, Louis, repairs	6 50
Fife, T. O., repairs	224 40
Flint, George L., repairs	10 17
Foster, F. A. Co., burlap	5 44
Francis Bros., supplies for repairs	84 71
Gleason, Clement, setting glass	50
Hodge Boiler Works, handhole	1 75
Hodson Bros., repairs	51 56
Jackson & Newton Co., supplies	25 46
Johnson, Henry R., repairs	6 48
McKenney & Waterbury Co., lan- tern	40 00

Pratt, Mrs. Ara A., cleaning . . .	\$5 00
Stewart & Robertson, repairs . . .	9 15
Stuart-Howland Co., supplies . . .	11 55
Walworth Mfg Co., steam trap . . .	7 04
Wilkinson, A. J. & Co., supplies . . .	17 65

 \$913 73

FURNITURE :

Allen Shade Holder Co., curtain rollers	85
Blodgett Clock Co., repairs on clock system	10 50
Brown & Batchelder, caning chairs . . .	6 80
Caproni, P. P. & Brother, cast . . .	3 00
Charles, M. F., repairing clock . . .	1 75
Clark, Henry N. Co., grate . . .	96
Hammett, J. L. Co., repairing pen- cil sharpener	83
Harrow, Stephen, repairing chairs . . .	14 45
Harwood's Sons, H. J., desks . . .	14 20
Heywood Bros. & Wakefield Co., furniture	112 37
Kempton Art Shop, repairing frame . . .	2 00
Kenney Bros. & Wolkins, supplies . . .	42 12
Ladd, Frederick A., tuning piano . . .	3 00
Maxwell, J. M., repairs	4 35
Macey-Stetson-Morris Co., cabinet . . .	25 00
Nye, Edward B., tuning piano . . .	2 50
Prescott & Co., seats	9 75
Woburn Carpet Cleaning Works, cleaning rug	1 00

 255 43

GROUNDS :

Carter, Clarence E., staking line . . .	\$4 00
Carter, M. M., dressing	16 00
Devaney, Matthew, labor	50 00
Elwood, P. H., expenses	8 75

Fottler, Fiske & Rawson Co., fertilizer	\$2 75	
Kelch, William, removing rubbish and rock	14 00	
Hanscom, E. O., cleaning cesspool	4 50	
Stock, George O., cleaning cesspool	9 50	
Sweetser, Percy N., sand and loam	10 00	
	<hr/>	\$119 50
Total		\$45,889 25

SPECIAL APPROPRIATIONS

EXPENDED

TYPEWRITERS:

Remington Typewriter Co., typewriters	\$257 50	
Royal Typewriter Co., typewriters	175 00	
Underwood Typewriter Co., typewriters	66 55	
	<hr/>	\$499 05

REPAIRS AND ALTERATIONS:

Berry, William B. & Co., galvanized iron pans	\$14 00	
Betts, George E., shingling Union Street School	346 00	
Gibbons Contracting Co., grading Union Street School	63 50	
Johnson, Henry R., retopping High School chimneys	400 00	
Manning, J. Woodward, shrubs	59 35	
Park, H. L., repairing cesspool, Union Street	19 75	
Sweetser, Percy N., grading	572 00	
	<hr/>	1,474 60

INDUSTRIAL SCHOOL TUITION:

City of Boston	\$209 50	
City of Somerville	175 00	
Town of Wakefield	86 00	
	<hr/>	470 50

AGRICULTURE

SALARIES :

John G. Powers	\$1,487 50	
Henry L. Livermore	40 00	
O. M. Lingham	7 50	
	<hr/>	\$1,535 00

BOOKS AND PAPERS

American Book Co., books	19 20	
Babb, E. E. & Co., books	24 79	
Better Fruit, magazine	50	
Blakiston's Sons Co., books	1 68	
Breeder's Gazette, books	2 00	
Bobbs-Merrill Co., books	33 83	
Clarke, W. B. Co., books	54 88	
Doubleday, Page & Co., books	2 80	
Funk & Wagnalls, dictionary	10 80	
Ginn & Co., books	3 81	
Henry-Morrison Co., books	3 96	
Hoard's Dairyman, magazine	75	
International Harvesting Co., book	1 00	
Macmillan Co., book	14 39	
Market Growers' Journal, magazine	75	
Orange Judd Co., books	45 09	
Pearson & Marsh, books	28 02	
Scribner's, Chas. Sons	4 30	
	<hr/>	252 55

SUPPLIES :

Allen Bros., supplies	\$5 60	
Central Scientific Co., apparatus	181 66	
Fottler, Fiske, Rawson Co., supplies	7 40	
Heywood Bros. & Wakefield Co., furniture	20 90	
Hill, Smith & Co., supplies	5 73	
Macey, Stetson, Morris Co., furniture	89 25	

Moss, Chas. E. Co., supplies . . .	\$81 92	
Orpin Bros., desks	121 70	
Remington Typewriter Co., type- writer	25 00	
Wallace, F., supplies	70	
Wilkinson, A. J. & Co., supplies .	362 26	
	<hr/>	902 12
REPAIRS:		
Fife, T. C., repairs		80 33
		<hr/>
		\$2,770 00

Letter of Transmittal to Town Finance Committee Accompanying Budget for 1916

READING, MASS., January 26, 1916.

TO THE HONORABLE, THE FINANCE COMMITTEE OF THE TOWN OF READING, MASS.:

GENTLEMEN—The School Committee begs leave to present herewith statements of expenditures for the fiscal year of 1915, together with estimates for the fiscal year of 1916.

The total amount estimated for the General School Account is \$50,400, from which is to be deducted \$2,250, the estimated receipts, leaving \$48,150, the appropriation requested in addition to the receipts. The following special appropriations are requested: \$200 for painting (one coat) the exterior woodwork of the High schoolhouse; \$150 for painting (one coat) the exterior of the Union Street schoolhouse; \$650 for alterations for fire protection, chiefly in the Centre and in the Chestnut Hill schoolhouses, as requested by the Fire Commissioner of the Metropolitan Fire District; \$1500 and receipts for the support of Vocational Education in Agriculture; and \$350 and receipts for tuition in State Industrial Schools in other towns and cities.

The total amount requested for all purposes is \$51,000, which is \$4000 more than was appropriated for the same purposes last year. The increase, it will be observed, is in the single item of teachers' salaries, which was \$31,000 in

1915 and is \$36,000 in 1916, an advance of \$5,000. Of this amount \$3,800 is required on account of new positions created and salaries increased in 1915 for part of the year only (\$2,363.11 are required on account of new positions and \$1,436.89 on account of salary increases.)

The salary increases made last year were in accordance with statements made to your honorable board orally, and also embodied in the estimates and letter of transmittal for 1915, and contemplated a regular schedule: For the elementary schools, grades 1 to 6, the minimum was \$500 with \$50 a year increase to \$600, then \$25 a year to \$700, the maximum for the first six grades. For the Intermediate School, grades 7 and 8, the same schedule applies except that the maximum is \$800. For the High School the minimum is \$600 and the maximum \$900, except for teachers of exceptional ability and value to the school, for whom the maximum is \$1,000. During the year 1915 four High School teachers left to receive more than \$1000 each, and two others had equally good offers which were not accepted.

The new positions created in 1915 included two teachers in the Primary grades (\$1,000), one in the Intermediate School, grades 7 and 8 (\$500), one in the High School (\$750) and a teacher of Household Arts (\$600). Also the teachers of Manual Training (\$400 increase) and Sewing (\$175 increase) were employed for more time. A schedule of the salaries of all the teachers as of Jan. 1, 1916, is appended together with the changes in the salary rates for each position in 1915.

For 1916 it is proposed to expend \$700 in maintaining the salary schedule of annual increases and \$500 for new teachers in the elementary grades. In the Centre and Union Street over one hundred pupils may be expected to enter next September, only 25 are expected to be prepared for promotion to the Highland School. The first two grades are now on half time. Also there is a third first grade this year for the first time.

The average number of pupils in the twenty-five rooms below the High School is 43 pupils per room. An average of 35 pupils per teacher is a conservative number. The School Committee has under consideration a plan to carry the work of the Lowell Street, Prospect Street and Chestnut Hill Schools through the sixth grades. This would require the addition of two more rooms at Prospect Street, finishing the upper story at Lowell Street, and opening the second room at Chestnut Hill. If such an arrangement should be deemed best by the School Committee a further communication will be forwarded to you explaining the plan in detail.

The special appropriations asked for this year have been reduced to a minimum. The two buildings to be painted can be taken care of with one coat of paint if attended to this year. If painting is deferred, two coats will be necessary. The appropriation requested for fire protection is conservative and is required both by recommendation of the local Building Inspector and by the Fire Commissioner of the Metropolitan Fire District.

The budget for the Agricultural School is also conservative. This school is doing excellent work and is worthy of the support it has received. The method of reimbursement by the Commonwealth has been changed this year so that we receive less this year, but will get the same amount in the end. The plan of State Aid for Agricultural departments in high schools is now administered as follows: two-thirds of the amount paid for salaries (from Sept. 1 of one year to Sept. 1 of the next year) less one-half the amount received for tuition during the same period is repaid to the town in the fiscal year following that in which the amount has accrued. The budget for the payment of tuition in industrial schools in other towns and cities is estimated as accurately as possible, but local officials have no control over these expenditures and their payment is compulsory. Therefore, the amount required must be uncertain.

Very respectfully submitted,

ADELBERT L. SAFFORD, Supt. of Schools.

SCHOOL COMMITTEE BUDGET, 1916

	REQUESTED FOR 1916	EXPENDED	
		1913	1916
1 Teachers' and Supt's. salaries	\$36,000 00	\$28,510 27	\$30,989 43
2 Janitors' salaries	3,600 00	3,276 00	3,540 00
3 Other Salaries:			
Truant Officer		150 00	104 00
Medical Inspector		200 00	200 00
Census Enumerator		100 00	50 00
4 Transportation of pupils	375 00	\$450 00	\$354 00
5 Tuition paid	1,000 00	867 25	1,046 25
6 Books	150 00	227 80	14 14
7 Supplies for pupils	1,250 00	1,274 48	1,353 20
8 Apparatus for teaching	1,800 00	1,914 29	2,354 40
9 General Expense:	200 00	6 60	190 71
(a) Printing and advertising		135 19	185 74
(b) Office supplies and stationery		50 80	40 39
(c) Telephones		136 27	124 46
(d) School Committee expenses		87 75	30 80
(e) Superintendent's expenses		21 85	4 65
(f) Law enforcement and police service		4 00	
(g) Lectures and public meetings		37 44	10 00
(h) Insurance			193 00
		<u>\$473 30</u>	<u>\$357 81</u>
	575 00		\$641 30

\$3,250 00	10 Fuel	.	.	.	.	\$2,937 43	\$3,153 74	\$3,108 99
	11 Building maintenance:							
	(a) Light	.	.	.	.	211 73	147 06	215 95
	(b) Water	.	.	.	.	244 84	291 76	275 38
	(c) Removal of ashes	.	.	.	.	43 15	122 01	93 25
	(d) Janitors' supplies	.	.	.	.	385 87	397 24	422 99
1,000 00						\$885 59	\$958 07	\$1,007 57
	12 Repairs:							
	(a) Buildings	.	.	.	.	1,687 99	813 08	913 73
	(b) Furniture	.	.	.	.	140 98	232 18	255 43
	(c) Grounds	.	.	.	.	403 12	163 35	119 50
						\$2,232 09	\$1,208 61	\$1,288 66
\$50,400 00						\$43,055 10	\$42,596 44	\$45,889 25
2,250 00	Estimated receipts							
\$48,150 00	Appropriation requested with receipts							

\$200 00	Painting High Schoolhouse, outside trimmings, one coat
150 00	Painting Union Street Schoolhouse outside, one coat
650 00	Fire Protection: Principally Centre Schoolhouse basement and Chestnut Hill Schoolhouse basement

\$1,000 00

Expended 1915 "Special Accounts":

Typewriters	.	.	.	.	.	.	.	.	\$499 05
Grounds	.	.	.	.	.	.	.	.	587 41
High School stacks	.	.	.	.	.	.	.	.	400 00
Union Street School	.	.	.	.	.	.	.	.	487 19
									<u>\$1,973 65</u>

STATE-AIDED VOCATIONAL EDUCATION IN AGRICULTURE

Salaries:

\$2,100 00	Regular Instructor—8½ months	.	.	\$1,487 50
250 00	Winter Course Instructor—12 weeks	.	.	47 50

2,350 00					\$1,535 00
200 00	Books and papers	.	.	.	252 55
200 00	Supplies and apparatus	.	.	.	902 12
50 00	Building repairs and alterations	.	.	.	80 33
					<u>\$2,770 00</u>

ESTIMATED RECEIPTS

\$400 00	Reimbursement to September 1, 1915	
900 00	Tuition of pupils from other towns	\$770 00

\$1,300 00

\$1,500 00

Appropriation requested with receipts

INDUSTRIAL SCHOOL TUITION

\$500 00	Paid other towns and cities	
150 00	Estimated reimbursement to September 1, 1915	470 50

\$350 00

Appropriation requested with receipts

Dafa from Advance Sheets of the Forthcoming Report of the
Massachusetts State Board of Education, Jan. 27, 1916

THE COST PER PUPIL IN THE AVERAGE MEMBERSHIP FOR ALL
SCHOOLS FOR THE FISCAL YEAR ENDING DEC. 31, 1914

Cost in Reading \$31.59 per pupil; average cost for all towns in Massachusetts with a population of over 5000, \$35.71 per pupil; average cost for all towns in the State having a population of less than 5000, \$39.92 per pupil; average cost for all the towns and cities in the State, \$40.11 per pupil; average cost for all the cities alone, \$41.88 per pupil. There are 353 towns and cities. If they are arranged in order of cost per pupil with highest first, Reading ranks 291.

Below is given the cost per pupil in 30 representative towns with a population of over 5000.

Wakefield	.	.	.	.	.	.	.	\$33 88
Whitman	.	.	.	.	.	.	.	33 91
Peabody	.	.	.	.	.	.	.	34 46
Natick	.	.	.	.	.	.	.	34 61
Belmont	.	.	.	.	.	.	.	34 71
Arlington	.	.	.	.	.	.	.	34 79
Winthrop	.	.	.	.	.	.	.	34 92
North Andover	.	.	.	.	.	.	.	34 97
Franklin	.	.	.	.	.	.	.	35 23
Bridgewater	.	.	.	.	.	.	.	35 34
Orange	.	.	.	.	.	.	.	35 74
Norwood	.	.	.	.	.	.	.	36 42
Clinton	.	.	.	.	.	.	.	36 73
Stoneham	.	.	.	.	.	.	.	36 93
Chelmsford	.	.	.	.	.	.	.	37 52
Abington	.	.	.	.	.	.	.	37 56
Dedham	.	.	.	.	.	.	.	37 58
Andover	.	.	.	.	.	.	.	37 79
Watertown	.	.	.	.	.	.	.	37 85
Easton	.	.	.	.	.	.	.	37 99

North Attleborough	.	.	.	.	.	.	.	38 90
Amesbury	.	.	.	.	.	.	.	40 34
Swampscott	.	.	.	.	.	.	.	40 76
Needham	.	.	.	.	.	.	.	42 80
Concord	.	.	.	.	.	.	.	43 20
Fairhaven	.	.	.	.	.	.	.	44 07
Winchester	.	.	.	.	.	.	.	46 78
Wellesley	.	.	.	.	.	.	.	54 77
Milton	.	.	.	.	.	.	.	64 16
Brookline	.	.	.	.	.	.	.	66 15

COST OF HIGH SCHOOLS

The cost per pupil in the average membership of the High School of Reading, \$58.44; the average cost per pupil for all the towns with a population of over 5000, \$58.70; the average cost per pupil for all the towns with a population of less than 5000, \$69.11; the average cost per pupil for all towns and cities of the State, \$70.31; the average cost per pupil for all the cities alone, \$74.37. In tax rate per \$1000 of valuation for school support Reading ranks 189 in the scale of 353 towns and cities.

Accountant's Report
OF THE
RECEIPTS AND PAYMENTS
OF THE
TOWN OF READING



Classified as prescribed by the Bureau of Statistics, Schedule A

FOR THE
Fiscal Year Ending December 31, 1915

RECEIPTS

SCHEDULE A—I

FISCAL YEAR ENDING DEC. 31, 1915

REVENUE

GENERAL

I TAXES

1 Taxes Property . . .	\$132,821 07
2 Poll	3,656 00
3 Corporation	8,622 29
4 Street Railway	3,038 49
5 Bank	724 54

II LICENSES

6 Permits	115 00
7 All others	4 38

III FINES AND FORFEITS

8 Court Fines	112 00
-------------------------	--------

IV GRANTS AND GIFTS

9 County, Dog Licenses	662 95
----------------------------------	--------

V ALL OTHER REVENUE

10 Certification of Taxes	10 00
-------------------------------------	-------

 \$149,766 72

COMMERCIAL REVENUE

VI SPECIAL ASSESSMENTS

11 Moth Extermination	\$1,361 25
---------------------------------	------------

VII PRIVILEGES

12 Public Service Street Railway	2,703 41
---	----------

 4,064 66

VIII DEPARTMENTAL

13 General Government	\$28 59
14 Protection to Persons and Property	1,130 55
15 Highways	432 63

Amount carried forward

 \$153,831 38

RECEIPTS—Continued

SCHEDULE A—I

<i>Amount brought forward</i>				\$153,831 38
16 Charities	.	.	.	\$2,852 24
17 Soldiers' Benefits	.	.	.	1,778 00
18 Education	.	.	.	3,659 30
19 Libraries	.	.	.	84 00
20 Unclassified	.	.	.	731 31
				<hr/>
				10,696 62
IX PUBLIC SERVICE ENTERPRISES				
21 Electric	.	.	.	67,246 77
22 Water	.	.	.	24,626 72
X CEMETERIES	.	.	.	918 64
XI INTEREST	.	.	.	2,818 06
				<hr/>
				95,611 19
				<hr/>
				\$260,139 19

NON-REVENUE

XII OFFSETS TO OUTLAYS				
I DEPARTMENTAL				
1 Highways	.	.	.	\$7,607 71
XIII CEMETERIES	.	.	.	710 00
XIV ADMINISTRATION OF TRUST FUNDS				1,651 86
XV MUNICIPAL INDEBTEDNESS				
2 Temporary Loans	.	.	.	150,000 00
3 Public Service Enterprises				20,000 00
XVI AGENCY AND TRUST TRANSACTIONS				
4 Agency				
(a) State	.	.	.	14,527 50
(b) County	.	.	.	7,553 19
(c) All others	.	.	.	1,511 28
				<hr/>
				203,561 54
XVII PETTY CASH	.	.	.	2,600 00
				<hr/>
Total Receipts	.	.	.	\$466,300 73

PAYMENTS
SCHEDULE A--I

FISCAL YEAR ENDING DEC. 31, 1915

MAINTENANCE

I DEPARTMENTAL		
1 General Government	\$7,284 75	
2 Protection to Persons and Property	24,174 99	
3 Health and Sanitation	2,734 96	
4 Highways	29,118 63	
5 Charities	8,562 37	
6 Soldiers' Benefits	2,856 60	
7 Education	50,148 92	
8 Libraries	2,481 91	
9 Recreation	811 55	
10 Unclassified	5,519 04	
	<hr/>	\$133,693 72
II PUBLIC SERVICE ENTERPRISES		
11 Electric	\$51,695 33	
12 Water ,	10,450 76	
	<hr/>	62,146 09
III CEMETERIES		2,056 21
IV ADMINISTRATION OF TRUST FUNDS		746 25
V INTEREST		
13 Temporary Loans	\$3,455 65	
14 General Loans	2,682 20	
15 Trust Funds	170 08	
16 Public Service Enterprises	6,440 00	
17 Cemetery	170 39	
18 Electric Light	4,640 42	
	<hr/>	17,558 74
VI MUNICIPAL INDEBTEDNESS		
19 General, from Revenue		20,700 00
<i>Amount carried forward</i>		<hr/> \$236,901 01

PAYMENTS—Continued
SCHEDULE A—I

Amount brought forward . . . \$236,901 01

VII OUTLAYS

II DEPARTMENTAL

20 General Government	\$598 00	
21 Protection to Persons and Property	1,205 73	
22 Highways	17,589 79	
23 Charities	327 57	
24 Education	754 48	
	<hr/>	20,475 57

VIII PUBLIC SERVICE ENTERPRISES

25 Electric	\$16,236 26	
26 Water	5,586 65	
	<hr/>	21,822 91
		<hr/>
		279,199 49

IX MUNICIPAL INDEBTEDNESS

27 Temporary Loans . . .	\$147,000 00	
28 Public Service Enter- prises	12,500 00	
	<hr/>	159,500 00

X AGENCY TRANSACTIONS

29 Agency		
(a) State	\$14,527 50	
(b) County	7,553 19	
(c) All others	1,511 28	
	<hr/>	23,591 97

XII PETTY CASH		2,600 00
		<hr/>

Total payments . . .		\$464,891 43
----------------------	--	--------------

RECAPITULATION — RECEIPTS

SCHEDULE A—II

REVENUE

Current Charges	\$260,139 19
Offsets to Outlays	8,317 71
Trust Funds	1,651 86
Municipal Indebtedness	170,000 00
Agency Transactions	23,591 97
Petty Cash	2,600 00
	<hr/>
Total Receipts	\$466,300 73
Balance on hand Dec. 31, 1914	6,186 25
	<hr/>
Grand total	\$472,486 98

RECAPITULATION — PAYMENTS

CURRENT CHARGES AGAINST REVENUE

Maintenance and Interest	\$216,201 01
Debt	33,200 00
Outlays	42,298 48
Temporary Loans	147,000 00
Agency Transactions	23,591 97
Petty Cash	2,600 00
	<hr/>
Total Payments	\$464,891 46
Balance on hand Dec. 31, 1915	7,595 52
	<hr/>
Grand total	\$472,486 98

RECEIPTS SCHEDULE A—III

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
General Revenue			
1 TAXES			
CURRENT YEAR			
1 Property	\$86,272 10		
2 Polls	2,160 00		
PREVIOUS YEARS			
3 Property	46,548 97		
4 Polls	1,496 00		
FROM THE STATE			
5 Corporations	8,622 29		
6 Street Railway	3,038 49		
7 Bank	724 54		
Total from Taxes	\$148,862 39		\$148,862 39
2 LICENSES AND PERMITS			
8 Permits	\$115 00		
9 All Others	4 38		
Total from Permits	\$119 38		119 38
3 FINES			
10 Court Fines	\$112 00		
Total from Fines	\$112 00		112 00
4 GRANTS AND GIFTS			
11 From County, Dog Licenses	\$662 95		
Total from Grants and Gifts	\$662 95		662 95
5 ALL OTHER GEN. REV.			
12 Certification of Taxes	\$10 00		
Total from all other Gen. Rev.	\$10 00		10 00
Commercial Revenue			
6 SPECIAL ASSESSMENTS			
13 Moth Extermination	\$1,361 25		
Total from Special Assessm'ts	\$1,361 25		1,361 25
7 PRIVILEGES			
14 Public Service, Railway Tax	\$2,703 41		
Total from Privileges	\$2,703 41		2,703 41
Total forward			\$153,831 38

RECEIPTS
SCHEDULE A—III--Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . .			\$153,831 38
8 DEPARTMENTAL 8A GENERAL GOVERNMENT			
15 Treasurer	\$18 00		
16 Collector	4 34		
17 Assessors	6 25		
Total from Gen'l Government	\$28 59		28 59
Total forward			\$153,859 97

PAYMENTS SCHEDULE A—III

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
1 DEPARTMENTAL			
1A GENERAL GOVERNMENT			
LEGISLATIVE			
1 Moderator			
(salary)	\$50 00		
EXECUTIVE			
2 Selectmen			
(a) Salaries	500 00		
(b) Other Expenses	135 34		
FINANCIAL			
3 Accountant			
(a) Salary	750 00		
4 Treasurer			
(a) Salary	600 00		
(b) Other Expenses	206 35		
5 Collector			
(a) Salary	1,248 93		
(b) Other Expenses	186 76		
6 Assessors			
(a) Salaries	1,150 00		
(b) Other Expenses	377 46		
7 Other Finance Accounts			
(a) Certification of Notes	30 00		
OTHER GENERAL DEPARTMENTS			
8 Town Clerk			
(a) Salary	150 00		
(b) Other Expenses	231 32		
9 Law			
(a) Salary Town Counsel	500 00		
10 Election and Registration			
(a) Salaries	130 00		
(b) Other Expenses	600 68		
MUNICIPAL BUILDINGS			
11 Town Building			
(a) Expenses	437 91	\$598 00	
Total for General Government	\$7,284 75	\$598 00	\$7,882 75
Total forward			\$7,882 75

RECEIPTS SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward			\$153,859 97
8B PROTECTION TO PERSONS AND PROPERTY			
FIRE DEPARTMENT			
18 Sale of Materials	\$38 40		
INSPECTION			
19 Inspection of Buildings . .	63		
20 Sealer Weights and Measures	21 21		
FORESTRY			
21 Insect Pest Extermination . .	1,066 43		
22 Forest Fires	3 88		
Total from Protection to Per- sons and Property	\$1,130 55		1,130 55
8C HEALTH AND SANITATION			
HEALTH			
INSPECTION			
Total from Health and San- itation			
Total forward			\$154,990 52

PAYMENTS
SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward			\$7,882 75
1B PROTECTION TO PERSONS AND PROPERTY			
POLICE DEPARTMENT			
12 Salaries and Wages . . .	\$4,825 80		
13 Other Expenses	341 91		
FIRE DEPARTMENT			
14 Salaries and Wages . . .	4,384 99		
15 Horse Hire	600 00		
18 Equipment and Repairs . .		\$316 73	
19 Hydrant Service	5,790 00		
20 Fuel and Light	46 61		
21 Repairs on Fire Alarm . .	443 77		
22 New Hose		588 00	
23 Fire Alarm Boxes, School Houses		301 00	
24 Other Expenses	889 24		
INSPECTION			
25 Inspection of Buildings . .	329 09		
26 Inspection of Wires . . .	125 00		
27 Sealing of Weights and Measures	200 51		
FORESTRY			
28 Insect Pest Extermination .	5,630 76		
29 Forest Fires	567 31		
Total for Protection to Per- sons and Property	\$24,174 99	\$1,205 73	25,380 72
1C HEALTH AND SANITATION			
HEALTH			
30 General Administration . .	250 00		
31 Other Expenses	908 37		
32 Contagious Diseases . . .	1,101 59		
INSPECTION:			
(a) Inspection School Children .	200 00		
(b) Inspection Animals . . .	125 00		
(c) Inspection of Slaughtering .	150 00		
Total for Health and Sanitation	\$2,734 96		2,734 96
Total forward			\$35,998 43

RECEIPTS **SCHEDULE A—III—Continued**

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward			\$154,990 52
8D HIGHWAYS AND BRIDGES			
23 Construction		\$6,528 59	
24 South Main Street		1,079 12	
25 Miscellaneous	\$432 63		
Total from Highways and Bridges	\$432 63	\$7,607 71	8,040 34
8E CHARITIES			
26 Town Home			
(a) Sale of Products	\$486 90		
(b) Miscellaneous from Indi- viduals	156 00		
27 Reimbursements			
(a) From Other Cities and Towns	328 47		
(b) From the State	203 21		
27 Reimbursement for Mothers' Aid			
(a) From Other Cities and Towns	688 33		
(b) From the State	989 33		
Total from Charities	\$2,852 24		2,852 24
8F SOLDIERS' BENEFITS			
28 State Aid	\$1,670 00		
29 Soldiers' Burials	100 00		
30 Soldiers' Relief	8 00		
Total from Soldiers' Benefits	\$1,778 00		1,778 00
Total forward			\$167,661 10

PAYMENTS SCHEDULE A—III--Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward			\$35,998 43
1D HIGHWAYS AND BRIDGES			
33 General Administration	\$1,001 00		
34 General Highway	12,820 34		
35 Construction		\$15,240 99	
36 Sidewalks		2,348 80	
37 Snow and Ice Removal	958 41		
38 Street Sprinkling	269 85		
39 Oiling	2,769 03		
40 Drinking Fountains	300 00		
41 Street Lighting	11,000 00		
Total for Highways and Bridges	\$29,118 63	\$17,589 79	46,708 42
1E CHARITIES			
42 General Administration	\$299 99		
42 Town Home	2,879 00	\$327 57	
43 Outside Relief by Town	356 29		
44 Relief Given by Other Cities and Towns	169 94		
45 Hospitals			
(a) Other Institutions	191 21		
46 Mothers Aid			
(a) Relief Given by Town	1,147 88		
(b) City of Somerville	326 68		
(c) City of Springfield	416 00		
(d) Town of Wakefield	41 67		
(e) Commonwealth of Mass. . . .	1,775 27		
47 Other Expenses	958 44		
Total for Charities	\$8,562 37	\$327 57	8,889 94
1F SOLDIERS' BENEFITS			
48 State Aid	\$1,938 00		
49 Soldiers' Burials	200 00		
50 Soldiers' Relief	718 60		
Total Soldiers' Benefits	\$2,856 60		2,856 60
Total forward			\$94,453 39

RECEIPTS **SCHEDULE A—III— Continued**

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward			\$167,661 10
8G EDUCATION SCHOOLS			
31 Tuition, State Wards . . .	\$130 50		
32 Other Tuition	2,677 35		
35 Tuition Industrial Schools . .	770 00		
36 Miscellaneous	81 45		
Total from Education . . .	\$3,659 30		3,659 30
8H LIBRARIES			
37 Fines and Sales	\$82 00		
38 Miscellaneous	2 00		
Total from Libraries . . .	\$84 00		84 00
8I RECREATION			
Total from Recreation . . .			
Total forward			\$171,404 40

PAYMENTS
SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$94,453 39
1G EDUCATION			
SCHOOLS			
51 General Expenses			
(a) Salaries . . .	\$154 00		
52 Teachers' Salaries . . .	30,989 43		
53 Text Books and Supplies . . .	3,708 20		
54 Tuition . . .	484 64		
55 Transportation . . .	1,046 25		
56 Janitors' Services . . .	3,540 00		
57 Fuel and Light . . .	3,324 94		
58 Maintenance of Buildings and Grounds . . .	3,299 45		
59 Furniture and Furnishings . . .		\$255 43	
60 New Typewriters . . .		499 05	
61 Vocational School . . .	2,770 00		
62 Other Expenses . . .	832 01		
Total for Education . . .	\$50,148 92	\$754 48	50,903 40
1H LIBRARIES			
63 Salaries and Wages . . .	\$535 84		
64 Books and Periodicals . . .	567 24		
64 Binding . . .	53 95		
65 Fuel and Light . . .	134 12		
66 Other Expenses . . .	1,190 76		
Total for Libraries . . .	\$2,481 91		2,481 91
1I RECREATION			
67 Parks and Common			
(a) Salaries and Wages . . .	\$49 25		
(b) Other Expenses . . .	20 30		
68 Rent of Playground . . .	342 00		
69 Celebrations . . .			
(a) Band Concerts . . .	200 00		
(b) Memorial Day . . .	200 00		
Total for Recreation . . .	\$811 55		811 55
Total forward . . .			\$148,650 25

RECEIPTS **SCHEDULE A—III—Continued**

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward			\$171,404 40
8J UNCLASSIFIED			
39 Receipts not recorded under previous classifications:			
(a) Taxes on Property Taken	\$724 23		
(b) Insurance	7 08		
Total from Unclassified . .	\$731 31		731 31
9 PUBLIC SERVICE ENTER- PRISES			
40 Electric			
(a) Income from Sale Light and Power	\$54,298 07		
(b) Street Lighting	11,000 00		
(c) Miscellaneous	1,948 70		
41 Water			
(a) Income from Sale of Water	18,463 16		
(b) Hydrant Rentals	5,790 00		
(c) Miscellaneous	374 56		
Total from Public Service Enterprises	\$91,874 49		91,874 49
10 CEMETERIES			
42 Sale of Lots and Graves . .		\$710 00	
43 Interest on Cemetery Special Account	\$170 39		
44 Care of Lots and Graves . .	748 25		
Total from Cemeteries . .	\$918 64	\$710 00	1,628 64
Total forward			\$265,638 84

PAYMENTS
SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward			\$148,650 25
1J UNCLASSIFIED			
70 Payments not recorded under previous classifications			
(a) Block System Survey	\$711 80		
(b) Certification of Taxes	3 00		
(c) Miscellaneous	65 33		
(d) Commonwealth of Mass. Bank Tax	469 44		
(e) Taxes on Property Taken	564 41		
(f) Insurance	1,966 28		
(g) Lighting G. A. R. Hall	50 00		
71 Miscellaneous	1,688 78		
Total for Unclassified	\$5,519 04		5,519 04
2 PUBLIC SERVICE ENTERPRISES			
72 Electric			
(a) Maintenance and Operation	\$51,695 33		
(b) Construction		\$16,236 26	
73 Water			
(a) Maintenance and Operation	10,450 76		
(b) Construction		5,586 65	
Total for Public Service Enterprises	\$62,146 09	\$21,822 91	83,969 00
3 CEMETERIES			
74 Maintenance	\$2,056 21		
Total for Cemeteries	\$2,056 21		2,056 21
Total forward			\$240,194 50

RECEIPTS SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward			\$265,638 84
11 ADMINISTRATION OF TRUST FUNDS			
45 Interest and Bequests . . .	\$1,632 46		
46 Geo. F. Buck Trustee Fund . .	8 00		
47 Library Bequest Fund . . .	11 40		
Total from Administration of Trust Funds	\$1,651 86		1,651 86
12 INTEREST		Indebtedness	
48 On Deposits	\$421 11		
49 On Deferred Taxes	2,396 95		
Total from Interest	\$2,818 06		2,818 06
13 MUNICIPAL INDEBTEDNESS			
50 Loans in Anticipation of Revenue		\$150,000 00	
51 Loans for General Purposes . .		3,000 00	
52 Public Service Enterprises . .		17,000 00	
Total from Municipal Indebtedness		\$170,000 00	170,000 00
Total forward			\$440,108 76

PAYMENTS
SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward			\$240,194 50
4 ADMINISTRATION OF TRUST FUNDS			
75 Care of Lots	\$746 25		
Total for Administration of Trust Funds	\$746 25		\$746 25
5 INTEREST		Indebtedness	
76 On Loans in Anticipation of Revenue	\$3,455 65		
77 On Loans, General Purposes	2,682 20		
78 On Trust Funds	170 08		
79 On Public Service Enterprises	6,440 00		
80 On Loans for Cemeteries	170 39		
81 On Electric Light	4,640 42		
Total for Interest	\$17,558 74		17,558 74
6 MUNICIPAL INDEBTEDNESS			
82 Loans in Anticipation of Revenue		\$147,000 00	
83 Public Service Enterprises		12,500 00	
84 Bonds and Notes Revenue	\$20,700 00		
Total for Municipal Indebtedness	\$20,700 00	\$159,500 00	\$180,200 00
Total forward			\$338,699 49

RECEIPTS

SCHEDULE A—III—Concluded

SOURCES OF RECEIPTS	Expenses	Temporary Accounts	Total
Total forward			\$440,108 76
14 AGENCY AND TRUST TRANSACTIONS			
Agency			
53 Taxes			
(a) State		\$14,527 50	
(b) County		7,553 19	
(c) All others		1,511 28	
Total from Agency and Trust Transactions		23,591 97	23,591 97
15 PETTY CASH			
Petty Cash		\$2,600 00	
		\$2,600 00	2,600 00
16 BALANCES		Cash Balance	
55 General		\$3,388 02	
56 Water Department		12 31	
57 Electric Light Dept. . . .		1,532 85	
58 Cemetery Trust		770 64	
59 Geo. F. Buck Trust		200 00	
60 Library Trust		282 43	
Cash on hand at beginning of year		\$6,186 25	6,186 25
Grand Total Receipts and Cash on hand			\$472,486 98

PAYMENTS

SCHEDULE A—III—Concluded

OBJECTS OF PAYMENT	Expenses	Temporary Accounts	Total
Total forward			\$338,699 49
7 AGENCY AND TRUST TRANSACTIONS			
Agency			
85 Taxes			
(a) State		\$14,527 50	
(b) County		7,553 19	
(c) All Others		1,511 28	
Total for Agency and Trust Transactions		\$23,591 97	23,591 97
8 PETTY CASH			
Petty Cash		\$2,600 00	
		\$2,600 00	2,600 00
9 BALANCES			
		Cash Balance	
87 General		\$2,566 61	
88 Water Department		162 62	
89 Electric Light Dept. . . .		2,707 61	
90 Cemetery Trust		1,656 35	
91 Geo. F. Buck Trust		208 00	
92 Library Trnst		293 83	
Total cash on hand at end of year		\$7,595 52	7,595 52
Grand Total Payments and Cash on hand			\$472,486 98

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Inspector of Animals	190
Inspector of Plumbing	175
Inspector of Wires	182
Overseers of the Poor	81
Public Library	192
School Committee	245
Sealer of Weights and Measures	186
Selectmen	74
Superintendent of Fire Alarm	179
Superintendent of Streets	166
Town Accountant	91
Town Clerk, Town Meetings	12
" " Dogs Licensed	63
" " Births Registered	66
" " Marriages Registered	96
" " Deaths Registered	72
Treasurer	82
Water Commissioners	197
Olassified Receipts and Payments	321
Town Officers, 1915-1916	5



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